

# Rajiv Kumar

## List of Publications by Year in descending order

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318  
papers

23,405  
citations

11651  
70  
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9103  
144  
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328  
all docs

328  
docs citations

328  
times ranked

26660  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>TERT</i> Promoter Mutations in Familial and Sporadic Melanoma. Science, 2013, 339, 959-961.	12.6	1,574
2	Extracellular biosynthesis of silver nanoparticles using the fungus Fusarium oxysporum. Colloids and Surfaces B: Biointerfaces, 2003, 28, 313-318.	5.0	1,505
3	Fungus-Mediated Synthesis of Silver Nanoparticles and Their Immobilization in the Mycelial Matrix: A Novel Biological Approach to Nanoparticle Synthesis. Nano Letters, 2001, 1, 515-519.	9.1	1,181
4	Bioreduction of AuCl <sub>4</sub> <sup>-</sup> Ions by the Fungus, Verticillium sp. and Surface Trapping of the Gold Nanoparticles Formed D.M. and S.S. thank the Council of Scientific and Industrial Research (CSIR), Government of India, for financial assistance.. Angewandte Chemie - International Edition, 2001, 40, 3585.	13.8	768
5	Genome-wide association study identifies five susceptibility loci for glioma. Nature Genetics, 2009, 41, 899-904.	21.4	713
6	Extracellular Biosynthesis of Monodisperse Gold Nanoparticles by a Novel Extremophilic Actinomycete, Thermomonospora sp.. Langmuir, 2003, 19, 3550-3553.	3.5	684
7	Intracellular synthesis of gold nanoparticles by a novel alkalotolerant actinomycete, Rhodococcus species. Nanotechnology, 2003, 14, 824-828.	2.6	618
8	Sequence variants at the TERT-CLPTM1L locus associate with many cancer types. Nature Genetics, 2009, 41, 221-227.	21.4	572
9	Extracellular Synthesis of Gold Nanoparticles by the Fungus Fusarium oxysporum. ChemBioChem, 2002, 3, 461.	2.6	560
10	Enzyme Mediated Extracellular Synthesis of CdS Nanoparticles by the Fungus, Fusarium oxysporum. Journal of the American Chemical Society, 2002, 124, 12108-12109.	13.7	509
11	A multi-stage genome-wide association study of bladder cancer identifies multiple susceptibility loci. Nature Genetics, 2010, 42, 978-984.	21.4	493
12	Metastatic potential of melanomas defined by specific gene expression profiles with no BRAF signature. Pigment Cell & Melanoma Research, 2006, 19, 290-302.	3.6	483
13	Extracellular Biosynthesis of Bimetallic Au-Ag Alloy Nanoparticles. Small, 2005, 1, 517-520.	10.0	417
14	Sequence variant on 8q24 confers susceptibility to urinary bladder cancer. Nature Genetics, 2008, 40, 1307-1312.	21.4	377
15	Genetic variation in the prostate stem cell antigen gene PSCA confers susceptibility to urinary bladder cancer. Nature Genetics, 2009, 41, 991-995.	21.4	321
16	ASIP and TYR pigmentation variants associate with cutaneous melanoma and basal cell carcinoma. Nature Genetics, 2008, 40, 886-891.	21.4	306
17	New common variants affecting susceptibility to basal cell carcinoma. Nature Genetics, 2009, 41, 909-914.	21.4	303
18	Polymorphisms in DNA repair and metabolic genes in bladder cancer. Carcinogenesis, 2003, 25, 729-734.	2.8	292

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19	<i>TERT</i> promoter mutations in bladder cancer affect patient survival and disease recurrence through modification by a common polymorphism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17426-17431.	7.1	291
20	A germline variant in the TP53 polyadenylation signal confers cancer susceptibility. <i>Nature Genetics</i> , 2011, 43, 1098-1103.	21.4	251
21	Variation in CDKN2A at 9p21.3 influences childhood acute lymphoblastic leukemia risk. <i>Nature Genetics</i> , 2010, 42, 492-494.	21.4	248
22	Genome-wide association study of renal cell carcinoma identifies two susceptibility loci on 2p21 and 11q13.3. <i>Nature Genetics</i> , 2011, 43, 60-65.	21.4	220
23	Genetic polymorphisms in DNA repair genes and possible links with DNA repair rates, chromosomal aberrations and single-strand breaks in DNA. <i>Carcinogenesis</i> , 2003, 25, 757-763.	2.8	218
24	BRAF Mutations Are Common Somatic Events in Melanocytic Nevi Tables 2 and 3 can be found at <a href="http://www.blackwellpublishing.com/products/journals/suppmat/jid/jid22225/jid22225sm.htm">http://www.blackwellpublishing.com/products/journals/suppmat/jid/jid22225/jid22225sm.htm</a> . <i>Journal of Investigative Dermatology</i> , 2004, 122, 342-348.	0.7	206
25	Ferrisilicate analogs of zeolites. <i>Catalysis Today</i> , 1991, 9, 329-416.	4.4	205
26	TERT promoter mutations in cancer development. <i>Current Opinion in Genetics and Development</i> , 2014, 24, 30-37.	3.3	203
27	Industrial applications of natural fibre-reinforced polymer composites – challenges and opportunities. <i>International Journal of Sustainable Engineering</i> , 2019, 12, 212-220.	3.5	200
28	Metabolism of Low-Dose Inorganic Arsenic in a Central European Population: Influence of Sex and Genetic Polymorphisms. <i>Environmental Health Perspectives</i> , 2007, 115, 1081-1086.	6.0	188
29	Association of DNA repair polymorphisms with DNA repair functional outcomes in healthy human subjects. <i>Carcinogenesis</i> , 2006, 28, 657-664.	2.8	174
30	A sequence variant at 4p16.3 confers susceptibility to urinary bladder cancer. <i>Nature Genetics</i> , 2010, 42, 415-419.	21.4	169
31	Telomeres and Telomere Length: A General Overview. <i>Cancers</i> , 2020, 12, 558.	3.7	156
32	Genetics of pigmentation in skin cancer – A review. <i>Mutation Research - Reviews in Mutation Research</i> , 2010, 705, 141-153.	5.5	153
33	Promoter-induced enhancement of the crystallization rate of zeolites and related molecular sieves. <i>Nature</i> , 1996, 381, 298-300.	27.8	151
34	Verification of the susceptibility loci on 7p12.2, 10q21.2, and 14q11.2 in precursor B-cell acute lymphoblastic leukemia of childhood. <i>Blood</i> , 2010, 115, 1765-1767.	1.4	142
35	A hybrid framework for multimedia data processing in IoT-healthcare using blockchain technology. <i>Multimedia Tools and Applications</i> , 2020, 79, 9711-9733.	3.9	140
36	European genome-wide association study identifies SLC14A1 as a new urinary bladder cancer susceptibility gene. <i>Human Molecular Genetics</i> , 2011, 20, 4268-4281.	2.9	134

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37	B-RAF and N-RAS Mutations Are Preserved during Short Time In Vitro Propagation and Differentially Impact Prognosis. PLoS ONE, 2007, 2, e236.	2.5	133
38	Effect of common B-RAF and N-RAS mutations on global gene expression in melanoma cell lines. Carcinogenesis, 2005, 26, 1224-1232.	2.8	127
39	Synergistic role of acid sites in the Ce-enhanced activity of mesoporous Ce-Al-MCM-41 catalysts in alkylation reactions: FTIR and TPD-ammonia studies. Journal of Catalysis, 2007, 245, 338-347.	6.2	119
40	Gene Expression Profiling of Human Endometrial-Trophoblast Interaction in a Coculture Model. Endocrinology, 2006, 147, 5662-5675.	2.8	115
41	Common variants on 1p36 and 1q42 are associated with cutaneous basal cell carcinoma but not with melanoma or pigmentation traits. Nature Genetics, 2008, 40, 1313-1318.	21.4	111
42	BRAF and NRAS Mutations Are Frequent in Nodular Melanoma but Are not Associated with Tumor Cell Proliferation or Patient Survival. Journal of Investigative Dermatology, 2005, 125, 312-317.	0.7	109
43	Update of PAX2 mutations in renal coloboma syndrome and establishment of a locus-specific database. Human Mutation, 2012, 33, 457-466.	2.5	109
44	Arsenic exposure in Hungary, Romania and Slovakia. Journal of Environmental Monitoring, 2006, 8, 203-208.	2.1	108
45	Characterization and Catalytic Activity of Gold Nanoparticles Synthesized by Autoreduction of Aqueous Chloroaurate Ions with Fumed Silica. Chemistry of Materials, 2002, 14, 1678-1684.	6.7	107
46	Polymorphisms in DNA Repair Genes, Smoking, and Bladder Cancer Risk: Findings from the International Consortium of Bladder Cancer. Cancer Research, 2009, 69, 6857-6864.	0.9	107
47	Synthesis and spectral studies on mononuclear complexes of chromium(III) and manganese(II) with 12-membered tetradentate N <sub>2</sub> O <sub>2</sub> , N <sub>2</sub> S <sub>2</sub> and N <sub>4</sub> donor macrocyclic ligands. Transition Metal Chemistry, 2004, 29, 269-275.	1.4	104
48	Preparation and stabilization of gold nanoparticles formed by in situ reduction of aqueous chloroaurate ions within surface-modified mesoporous silica. Microporous and Mesoporous Materials, 2003, 58, 201-211.	4.4	96
49	Triphase Catalysis over Titanium-Silicate Molecular Sieves under Solvent-free Conditions. Journal of Catalysis, 1998, 178, 101-107.	6.2	93
50	Micronuclei in humans induced by exposure to low level of ionizing radiation: influence of polymorphisms in DNA repair genes. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 570, 105-117.	1.0	93
51	<i>MC1R</i> variants increased the risk of sporadic cutaneous melanoma in darker pigmented Caucasians: A pooled analysis from the SKIP project. International Journal of Cancer, 2015, 136, 618-631.	5.1	92
52	Sulfoxidation of thioethers using titanium silicate molecular sieve catalysts. Journal of the Chemical Society Chemical Communications, 1992, , 84.	2.0	90
53	A single nucleotide polymorphism in the 3' untranslated region of the CDKN2A gene is common in sporadic primary melanomas but mutations in the CDKN2B, CDKN2C, CDK4 and p53 genes are rare. International Journal of Cancer, 2001, 95, 388-393.	5.1	90
54	Polymorphisms in the DNA repair genes XRCC1, APEX1, XRCC3 and NBS1, and the risk for lung cancer in never- and ever-smokers. Lung Cancer, 2006, 54, 285-292.	2.0	89

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55	Activating BRAF and N-Ras mutations in sporadic primary melanomas: an inverse association with allelic loss on chromosome 9. <i>Oncogene</i> , 2003, 22, 9217-9224.	5.9	88
56	Somatic alterations in the melanoma genome: A high-resolution array-based comparative genomic hybridization study. <i>Genes Chromosomes and Cancer</i> , 2010, 49, 733-745.	2.8	85
57	5-Fluorouracil-based chemotherapy for colorectal cancer and <i>MTHFR</i> / <i>MTRR</i> genotypes. <i>British Journal of Clinical Pharmacology</i> , 2011, 72, 162-163.	2.4	85
58	Association of HLA-DRB1, interleukin-6 and cyclin D1 polymorphisms with cervical cancer in the Swedish population—A candidate gene approach. <i>International Journal of Cancer</i> , 2009, 125, 1851-1858.	5.1	81
59	Baeyer-Villiger rearrangement catalysed by titanium silicate molecular sieve (TS-1)/H <sub>2</sub> O <sub>2</sub> system. <i>Catalysis Letters</i> , 1996, 40, 47-50.	2.6	80
60	Single nucleotide polymorphisms in the <i>XPG</i> gene: Determination of role in DNA repair and breast cancer risk. <i>International Journal of Cancer</i> , 2003, 103, 671-675.	5.1	80
61	<sup>29</sup> Si and <sup>27</sup> Al MAS/3Q-MAS NMR Studies of High Silica USY Zeolites. <i>Journal of Physical Chemistry B</i> , 2002, 106, 6115-6120.	2.6	78
62	Single nucleotide polymorphisms in DNA repair genes and basal cell carcinoma of skin. <i>Carcinogenesis</i> , 2005, 27, 1676-1681.	2.8	77
63	Titanium silicate molecular sieve (TS-1)/H <sub>2</sub> O <sub>2</sub> induced triphase catalysis in the oxidation of hydrophobic organic compounds with significant enhancement of activity and Para-selectivity. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 349.	2.0	75
64	Hollow gold nanoparticles encapsulating horseradish peroxidase. <i>Biomaterials</i> , 2005, 26, 6743-6753.	11.4	75
65	Mutation analysis of the EGFR-“NRAS”-BRAF pathway in melanomas from black Africans and other subgroups of cutaneous melanoma. <i>Melanoma Research</i> , 2008, 18, 29-35.	1.2	75
66	Isomerization and formation of xylenes over ZSM-22 and ZSM-23 zeolites. <i>Journal of Catalysis</i> , 1989, 116, 440-448.	6.2	73
67	Markers of individual susceptibility and DNA repair rate in workers exposed to xenobiotics in a tire plant. <i>Environmental and Molecular Mutagenesis</i> , 2004, 44, 283-292.	2.2	73
68	The XPD 751Gln allele is associated with an increased risk for esophageal adenocarcinoma: a population-based case-control study in Sweden. <i>Carcinogenesis</i> , 2006, 27, 1835-1841.	2.8	72
69	Analysis of G1/S checkpoint regulators in metastatic melanoma. <i>Genes Chromosomes and Cancer</i> , 2000, 28, 404-414.	2.8	71
70	FTIR study of ion dissociation in PMMA based gel electrolytes containing ammonium triflate: Role of dielectric constant of solvent. <i>European Polymer Journal</i> , 2005, 41, 2718-2725.	5.4	71
71	Functional, Genetic, and Epigenetic Aspects of Base and Nucleotide Excision Repair in Colorectal Carcinomas. <i>Clinical Cancer Research</i> , 2012, 18, 5878-5887.	7.0	66
72	Amphoterization of Colloidal Gold Particles by Capping with Valine Molecules and Their Phase Transfer from Water to Toluene by Electrostatic Coordination with Fatty Amine Molecules. <i>Langmuir</i> , 2000, 16, 9775-9783.	3.5	64

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73	Epigenetic deregulation of TCF21 inhibits metastasis suppressor KISS1 in metastatic melanoma. Carcinogenesis, 2011, 32, 1467-1473.	2.8	64
74	Crystallization kinetics of a new titanium silicate with MEL structure (TS-2). Zeolites, 1992, 12, 95-100.	0.5	63
75	Selective deletion of exon 1 <sup>2</sup> of the p19ARF gene in metastatic melanoma cell lines. , 1998, 23, 273-277.		62
76	A Secure, Energy- and SLA-Efficient (SESE) E-Healthcare Framework for Quickest Data Transmission Using Cyber-Physical System. Sensors, 2019, 19, 2119.	3.8	62
77	Visible light-induced splitting of water using CdS nanocrystallites immobilized over water-repellant polymeric surface. International Journal of Hydrogen Energy, 2007, 32, 2784-2790.	7.1	61
78	Melanocortin receptor 1 variants and melanoma risk: A study of 2 European populations. International Journal of Cancer, 2009, 125, 1868-1875.	5.1	61
79	Inherited variants in the <i>MC1R</i> gene and survival from cutaneous melanoma: a BioGenoMEL study. Pigment Cell and Melanoma Research, 2012, 25, 384-394.	3.3	61
80	Basal cell carcinoma and variants in genes coding for immune response, DNA repair, folate and iron metabolism. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 574, 105-111.	1.0	60
81	Oxidative Organic Transformations Catalyzed by Titanium- and Vanadium-Silicate Molecular Sieves. Synlett, 1995, 1995, 289-298.	1.8	59
82	Association of Inherited Variation in Toll-Like Receptor Genes with Malignant Melanoma Susceptibility and Survival. PLoS ONE, 2011, 6, e24370.	2.5	58
83	A facile and selective synthesis of $\beta$ -keto esters via zeolite catalysed transesterification. Chemical Communications, 1996, , 707-708.	4.1	57
84	Performance comparison and detailed study of AODV, DSDV, DSR, TORA and OLSR routing protocols in ad hoc networks. , 2016, , .		57
85	Molecular markers and their applications in fisheries and aquaculture. Advances in Bioscience and Biotechnology (Print), 2010, 01, 281-291.	0.7	57
86	Occupational Exposure to Ultraviolet Radiation and Risk of Non-Melanoma Skin Cancer in a Multinational European Study. PLoS ONE, 2013, 8, e62359.	2.5	56
87	<i>MC1R</i> variants associated susceptibility to basal cell carcinoma of skin: Interaction with host factors and <i>XRCC3</i> polymorphism. International Journal of Cancer, 2008, 122, 1787-1793.	5.1	54
88	Polymorphisms in the CD28/CTLA4/ICOS genes: role in malignant melanoma susceptibility and prognosis?. Cancer Immunology, Immunotherapy, 2010, 59, 303-312.	4.2	54
89	Conductivity and viscosity behaviour of PMMA based gels and nano dispersed gels: Role of dielectric constant of the solvent. Solid State Ionics, 2005, 176, 1577-1583.	2.7	51
90	Mutations in the CDKN2A ( p16INK4a ) gene in microdissected sporadic primary melanomas. , 1998, 75, 193-198.		50

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91	Enantioselective bioreduction of acetophenone and its analogous by the fungus <i>Trichothecium</i> sp.. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2004, 27, 61-63.	1.8	50
92	Catalytic halogenation of selected organic compounds mimicking vanadate-dependent marine metalloenzymes. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 611.	2.0	49
93	Reaction Modeling and Optimization Using Neural Networks and Genetic Algorithms:Â Case Study Involving TS-1-Catalyzed Hydroxylation of Benzene. <i>Industrial &amp; Engineering Chemistry Research</i> , 2002, 41, 2159-2169.	3.7	49
94	DNA Repair Gene and MTHFR Gene Polymorphisms as Prognostic Markers in Locally Advanced Adenocarcinoma of the Esophagus or Stomach Treated with Cisplatin and 5-Fluorouracil-Based Neoadjuvant Chemotherapy. <i>Annals of Surgical Oncology</i> , 2011, 18, 2688-2698.	1.5	49
95	Pancreatic Cancer Susceptibility Loci and Their Role in Survival. <i>PLoS ONE</i> , 2011, 6, e27921.	2.5	49
96	Hydroxy-assisted chemo- and stereo-selective epoxidation catalysed by a titanium silicate molecular sieve (TS-1)/H <sub>2</sub> O <sub>2</sub> system. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 1315.	2.0	48
97	Germline sequence variants in TGM3 and RGS22 confer risk of basal cell carcinoma. <i>Human Molecular Genetics</i> , 2014, 23, 3045-3053.	2.9	48
98	Chemo- and Diastereoselective Epoxidation of Chiral Allylic Alcohols with the Urea Hydrogen Peroxide Adduct, Catalyzed by Titanium Silicate 1. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 880-882.	4.4	47
99	Enhancement in the reaction rates in the hydroxylation of aromatics over TS-1/H <sub>2</sub> O <sub>2</sub> under solvent-free triphase conditions. <i>Catalysis Today</i> , 1999, 49, 185-191.	4.4	47
100	MTHFR genetic polymorphisms and susceptibility to childhood acute lymphoblastic leukemia. <i>Blood</i> , 2005, 106, 2590-2591.	1.4	47
101	Somatic Mutations in Exocrine Pancreatic Tumors: Association with Patient Survival. <i>PLoS ONE</i> , 2013, 8, e60870.	2.5	47
102	Low frequency of BRAF and CDKN2A mutations in endometrial cancer. <i>International Journal of Cancer</i> , 2005, 115, 930-934.	5.1	46
103	MTHFR and MTRR genotype and haplotype analysis and colorectal cancer susceptibility in a caseâ€“control study from the Czech Republic. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 721, 74-80.	1.7	46
104	Defining fast-growing melanomas. <i>Melanoma Research</i> , 2011, 21, 131-138.	1.2	46
105	Triphase, solvent-free catalysis over the TS-1/H <sub>2</sub> O <sub>2</sub> system in selective oxidation reactions. <i>Microporous and Mesoporous Materials</i> , 1998, 21, 497-504.	4.4	45
106	Influence of polymorphism in DNA repair and defence genes on p53 mutations in bladder tumours. <i>Cancer Letters</i> , 2006, 241, 142-149.	7.2	45
107	Structure Sensitivity of Nano-structured CdS/SBA-15 Containing Au and Pt Co-catalysts for the Photocatalytic Splitting of Water. <i>Catalysis Letters</i> , 2008, 121, 226-233.	2.6	44
108	Effect of molecular weight of PMMA on the conductivity and viscosity behavior of polymer gel electrolytes containing NH <sub>4</sub> CF <sub>3</sub> SO <sub>3</sub> . <i>Ionics</i> , 2008, 14, 509-514.	2.4	44



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109	Occupational exposure to arsenic and risk of nonmelanoma skin cancer in a multinational European study. <i>International Journal of Cancer</i> , 2013, 133, 2182-2191.	5.1	44
110	<i>TERT</i> promoter mutation subtypes and survival in stage I and II melanoma patients. <i>International Journal of Cancer</i> , 2019, 144, 1027-1036.	5.1	44
111	Risk-energy aware service level agreement assessment for computing quickest path in computer networks. <i>International Journal of Reliability and Safety</i> , 2019, 13, 96.	0.2	44
112	Ala228 variant of trail receptor 1 affecting the ligand binding site is associated with chronic lymphocytic leukemia, mantle cell lymphoma, prostate cancer, head and neck squamous cell carcinoma and bladder cancer. <i>International Journal of Cancer</i> , 2006, 118, 1831-1835.	5.1	43
113	Genetic variation in arsenic (+3 oxidation state) methyltransferase ( <i>AS3MT</i> ), arsenic metabolism and risk of basal cell carcinoma in a European population. <i>Environmental and Molecular Mutagenesis</i> , 2015, 56, 60-69.	2.2	43
114	Effect of nano-size fumed silica on ionic conductivity of PVdF-HFP-based plasticized nano-composite polymer electrolytes. <i>Ionics</i> , 2016, 22, 1865-1872.	2.4	43
115	Ionic conductivity, FTIR and thermal studies of nano-composite plasticized proton conducting polymer electrolytes. <i>Solid State Ionics</i> , 2017, 305, 57-62.	2.7	43
116	Induction of apoptosis in Vero cells by Newcastle disease virus requires viral replication, de-novo protein synthesis and caspase activation. <i>Virus Research</i> , 2008, 133, 285-290.	2.2	42
117	Exposure to low environmental levels of benzene: Evaluation of micronucleus frequencies and S-phenylmercapturic acid excretion in relation to polymorphisms in genes encoding metabolic enzymes. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 719, 7-13.	1.7	42
118	Determination of allele frequency in pooled DNA: comparison of three PCR-based methods. <i>BioTechniques</i> , 2005, 39, 853-858.	1.8	41
119	Multinuclear ( <sup>27</sup> Al, <sup>29</sup> Si, <sup>47</sup> , <sup>49</sup> Ti) solid-state NMR of titanium substituted zeolite USY. <i>Solid State Nuclear Magnetic Resonance</i> , 2003, 24, 184-195.	2.3	40
120	Service-Level Agreement”Energy Cooperative Quickest Ambulance Routing for Critical Healthcare Services. <i>Arabian Journal for Science and Engineering</i> , 2019, 44, 3831-3848.	3.0	40
121	Immobilization of biogenic gold nanoparticles in thermally evaporated fatty acid and amine thin films. <i>Journal of Colloid and Interface Science</i> , 2004, 274, 69-75.	9.4	38
122	Conductivity, FTIR studies, and thermal behavior of PMMA-based proton conducting polymer gel electrolytes containing triflic acid. <i>Ionics</i> , 2013, 19, 1627-1635.	2.4	38
123	Immobilization of 1,5,7-triazabicyclo [4.4.0] dec-5-ene over mesoporous materials: An efficient catalyst for Michael-addition reactions under solvent-free condition. <i>Applied Catalysis A: General</i> , 2011, 397, 250-258.	4.3	37
124	Conductivity modification of proton conducting polymer gel electrolytes containing a weak acid (ortho-hydroxy benzoic acid) with the addition of PMMA and fumed silica. <i>Journal of Applied Electrochemistry</i> , 2009, 39, 439-445.	2.9	36
125	Rationale for an international consortium to study inherited genetic susceptibility to childhood acute lymphoblastic leukemia. <i>Haematologica</i> , 2011, 96, 1049-1054.	3.5	36
126	Separation of 7-methyl- and 7-(2-hydroxyethyl)-guanine adducts in human DNA samples using a combination of TLC and HPLC. <i>Carcinogenesis</i> , 1996, 17, 485-492.	2.8	35



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127	Genetic polymorphisms and possible gene–gene interactions in metabolic and DNA repair genes: Effects on DNA damage. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2006, 593, 22-31.	1.0	35
128	Variants at the 9p21 locus and melanoma risk. <i>BMC Cancer</i> , 2013, 13, 325.	2.6	35
129	Polymorphisms in XPD, XPC and the risk of death in patients with urinary bladder neoplasms. <i>Acta Oncologica</i> , 2007, 46, 31-41.	1.8	34
130	Synthesis of zeolite beta using silica gel as a source of SiO <sub>2</sub> . <i>Journal of Chemical Technology and Biotechnology</i> , 1990, 48, 453-466.	3.2	34
131	Efficient heterogeneous catalytic systems for enantioselective hydrogenation of prochiral carbonyl compounds. <i>Journal of Catalysis</i> , 2004, 228, 386-396.	6.2	33
132	In Vivo Evaluation of Hypoglycemic Activity of Aloe spp. and Identification of Its Mode of Action on GLUT-4 Gene Expression In Vitro. <i>Applied Biochemistry and Biotechnology</i> , 2011, 164, 1246-1256.	2.9	33
133	A comparative study of edge detectors in digital image processing. , 2017, , .		33
134	Synthesis and characterization of a crystalline vanadium silicate with MEL structure. <i>Zeolites</i> , 1993, 13, 663-670.	0.5	32
135	Eco-friendly synthesis of epichlorohydrin catalyzed by titanium silicate (TS-1) molecular sieve and hydrogen peroxide. <i>Catalysis Communications</i> , 2007, 8, 379-382.	3.3	32
136	Clinical course of bladder neoplasms and single nucleotide polymorphisms in the <i>CDKN2A</i> gene. <i>International Journal of Cancer</i> , 2003, 104, 98-103.	5.1	31
137	Association between the Germline MC1R Variants and Somatic BRAF/NRAS Mutations in Melanoma Tumors. <i>Journal of Investigative Dermatology</i> , 2010, 130, 2844-2848.	0.7	31
138	Characterization of individuals at high risk of developing melanoma in Latin America: bases for genetic counseling in melanoma. <i>Genetics in Medicine</i> , 2016, 18, 727-736.	2.4	31
139	Transition metal-silicate analogs of zeolites. <i>Catalysis Letters</i> , 1993, 22, 227-237.	2.6	30
140	Chemoselective oxidation of organic compounds having two or more functional groups. <i>Studies in Surface Science and Catalysis</i> , 1994, , 1883-1888.	1.5	30
141	MIMO adaptive vibration control of smart structures with quickly varying parameters: Neural networks vs classical control approach. <i>Journal of Sound and Vibration</i> , 2007, 307, 639-661.	3.9	30
142	Lifetime exposure to arsenic in residential drinking water in Central Europe. <i>International Archives of Occupational and Environmental Health</i> , 2010, 83, 471-481.	2.3	30
143	Single-nucleotide polymorphisms in DNA-repair genes and cutaneous melanoma. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010, 702, 8-16.	1.7	30
144	Shape selectivity in reactions of xylenes in zeolite ZSM-48. <i>Journal of Catalysis</i> , 1989, 118, 68-78.	6.2	28

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145	Electronic, cyclic voltammetry, IR and EPR spectral studies of copper(II) complexes with 12-membered N4, N2O2 and N2S2 donor macrocyclic ligands. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 437-446.	3.9	28
146	ERCC5 p.Asp1104His and ERCC2 p.Lys751Gln Polymorphisms Are Independent Prognostic Factors for the Clinical Course of Melanoma. <i>Journal of Investigative Dermatology</i> , 2011, 131, 1280-1290.	0.7	28
147	Variants at chromosome 20 (<i>ASIP</i> locus) and melanoma risk. <i>International Journal of Cancer</i> , 2013, 132, 42-54.	5.1	28
148	Inherited susceptibility to bleomycin-induced micronuclei: Correlating polymorphisms in GSTT1, GSTM1 and DNA repair genes with mutagen sensitivity. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008, 638, 90-97.	1.0	26
149	Single nucleotide polymorphisms in DNA repair genes XRCC1 and APEX1 in progression and survival of primary cutaneous melanoma patients. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2009, 661, 78-84.	1.0	26
150	Eco-friendly, Selective Hydroxylation of C-7 Aromatic Compounds Catalyzed by TS-1/H <sub>2</sub> O <sub>2</sub> System under Solvent-free Solid~Liquid~Liquid-Type Triphase Conditions. <i>Industrial &amp; Engineering Chemistry Research</i> , 2007, 46, 8657-8664.	3.7	25
151	Ru(II) Phenanthroline Complex As Catalyst for Chemoselective Hydrogenation of Nitro-Aryls in a Green Process. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 12180-12184.	3.7	25
152	An inherited variant in the gene coding for vitamin D-binding protein and survival from cutaneous melanoma: a <sc>B</sc>io<sc>G</sc>eno<sc>MEL</sc> study. <i>Pigment Cell and Melanoma Research</i> , 2014, 27, 234-243.	3.3	25
153	Correlation between ionic conductivity and fluidity of polymer gel electrolytes containing NH4CF3SO3. <i>Bulletin of Materials Science</i> , 2005, 28, 467-472.	1.7	24
154	ARLTS1 variants and melanoma risk. <i>International Journal of Cancer</i> , 2006, 119, 1736-1737.	5.1	24
155	Inherited variation in the PARP1 gene and survival from melanoma. <i>International Journal of Cancer</i> , 2014, 135, 1625-1633.	5.1	24
156	Simulation of an experimental compartment fire by CFD. <i>Building and Environment</i> , 2007, 42, 3149-3160.	6.9	23
157	Modulation of DNA repair capacity and mRNA expression levels of XRCC1, hOGG1 and XPC genes in styrene-exposed workers. <i>Toxicology and Applied Pharmacology</i> , 2010, 248, 194-200.	2.8	23
158	FTIR and rheological studies of PMMA-based nano-dispersed gel polymer electrolytes incorporated with LiBF4 and SiO2. <i>Ionics</i> , 2019, 25, 1495-1503.	2.4	23
159	Synthesis, characterization and catalytic application of RuII~ethylene diamine complex~mesoporous silica as heterogeneous catalyst system in chemo-selective hydrogenation of 1,2-unsaturated carbonyl compounds. <i>Microporous and Mesoporous Materials</i> , 2005, 87, 33-44.	4.4	22
160	An optimal routing scheme for critical healthcare HTH services ~ an IOT perspective. , 2017, , .		22
161	Dry sliding friction and wear behavior of ramie fiber reinforced epoxy composites. <i>Materials Research Express</i> , 2019, 6, 015309.	1.6	22
162	Influence of GSTM1, GSTT1, GSTP1 and NAT2 genotypes on the p53 mutational spectrum in bladder tumours. <i>International Journal of Cancer</i> , 2005, 113, 761-768.	5.1	21

#	ARTICLE	IF	CITATIONS
163	Unsteady hydromagnetic convective flow in a vertical channel using Darcy–Brinkman–Forchheimer extended model with heat generation/absorption: Analysis with asymmetric heating/cooling of the channel walls. <i>International Journal of Heat and Mass Transfer</i> , 2011, 54, 5633-5642.	4.8	21
164	Synthesis of MTW-type microporous material and its vanadium-silicate analogue using a new diquaternary ammonium cation as a template. <i>Microporous Materials</i> , 1995, 5, 173-178.	1.6	20
165	Selective oxidation with redox metallosilicates in the production of fine chemicals. <i>Studies in Surface Science and Catalysis</i> , 1995, 97, 367-376.	1.5	20
166	Interaction between functional polymorphic variants in cytokine genes, established risk factors and susceptibility to basal cell carcinoma of skin. <i>Carcinogenesis</i> , 2011, 32, 1849-1854.	2.8	20
167	Altered <i>TERT</i> promoter and other genomic regulatory elements: occurrence and impact. <i>International Journal of Cancer</i> , 2017, 141, 867-876.	5.1	20
168	Evidence of ion pair breaking by dispersed polymer in polymer gel electrolytes. <i>Ionics</i> , 2004, 10, 436-442.	2.4	19
169	A single-nucleotide polymorphism in the XPG gene, and tumour stage, grade, and clinical course in patients with nonmuscle-invasive neoplasms of the urinary bladder. <i>BJU International</i> , 2006, 97, 847-851.	2.5	19
170	Familial bladder cancer and the related genes. <i>Current Opinion in Urology</i> , 2011, 21, 386-392.	1.8	19
171	Solvent-free Mukaiyama-aldol condensation catalyzed by Ce–Al–MCM-41 mesoporous materials. <i>Microporous and Mesoporous Materials</i> , 2011, 144, 82-90.	4.4	19
172	Integrin genes and susceptibility to human melanoma. <i>Mutagenesis</i> , 2012, 27, 367-373.	2.6	19
173	Fabrication and mechanical characterization of Indian ramie reinforced polymer composites. <i>Materials Research Express</i> , 2019, 6, 055303.	1.6	19
174	Convenient synthesis of crystalline microporous transition metal silicates using complexing agents. <i>Studies in Surface Science and Catalysis</i> , 1994, , 109-116.	1.5	18
175	Adaptive vibration control of smart structures: a comparative study. <i>Smart Materials and Structures</i> , 2006, 15, 1358-1369.	3.5	18
176	NCL-7, A novel all silica analog of polymorph B rich member of BEA family: Synthesis and characterization. <i>Microporous and Mesoporous Materials</i> , 2007, 101, 108-114.	4.4	18
177	Single nucleotide polymorphism analyses of the human proliferating cell nuclear antigen (pCNA) and flap endonuclease (FEN1) genes. <i>International Journal of Cancer</i> , 2000, 88, 938-942.	5.1	17
178	Differences in global gene expression in melanoma cell lines with and without homozygous deletion of the CDKN2A locus genes. <i>Melanoma Research</i> , 2006, 16, 297-307.	1.2	17
179	Differential gene expression in melanocytic nevi with the V600E BRAF mutation. <i>Genes Chromosomes and Cancer</i> , 2007, 46, 1019-1027.	2.8	17
180	Genotypes, haplotypes and diplotypes of three XPC polymorphisms in urinary-bladder cancer patients. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010, 694, 39-44.	1.0	17

#	ARTICLE	IF	CITATIONS
181	Theoretical and experimental vibration analysis of rotating beams with combined ACLD and Stressed Layer Damping treatment. <i>Applied Acoustics</i> , 2013, 74, 675-693.	3.3	17
182	A retrospective comparative exploratory study on two Methylenetetrahydrofolate Reductase (MTHFR) polymorphisms in esophagogastric cancer: the A1298C MTHFR polymorphism is an independent prognostic factor only in neoadjuvantly treated gastric cancer patients. <i>BMC Cancer</i> , 2014, 14, 58.	2.6	17
183	TERT Promoter Mutations are Associated with Visceral Spreading in Melanoma of the Trunk. <i>Cancers</i> , 2019, 11, 452.	3.7	17
184	Comparison of 32P-Postlabeling and High-Resolution GC/MS in Quantifying N7-(2-Hydroxyethyl)guanine Adducts. <i>Chemical Research in Toxicology</i> , 1999, 12, 979-984.	3.3	16
185	Heteropolyacids aided rapid and convenient syntheses of highly ordered MCM-41 and MCM-48: exploring the accelerated process by 29Si MAS NMR and powder X-ray diffraction studies Electronic supplementary information (ESI) available: powder XRD patterns and instrumentation details. See <a href="http://www.rsc.org/suppdata/cc/b2/b206482k/">http://www.rsc.org/suppdata/cc/b2/b206482k/</a> . <i>Chemical Communications</i> , 2002, , 2404-2405.	4.1	16
186	Synthesis, Electrochemistry and Spectral Studies on Cobalt(II) and Manganese (II) Complexes with 12-,14-,15-, and 18-membered N4, N2O2, N2O2S, N6 Donor Macrocyclic Ligands. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2005, 35, 161-170.	0.6	16
187	Pole Placement Techniques for Active Vibration Control of Smart Structures: A Feasibility Study. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , 2007, 129, 601-615.	1.6	16
188	AN EXPERIMENTAL FIRE IN COMPARTMENT WITH DUAL VENT ON OPPOSITE WALLS. <i>Combustion Science and Technology</i> , 2007, 179, 1527-1547.	2.3	16
189	In situ synthesis of Pt nanoparticles in SBA-15 by encapsulating in modified template micelles: size restricted growth within the mesochannels. <i>Journal of Materials Chemistry</i> , 2008, 18, 1765.	6.7	16
190	Influence of Genetic Variants in Type I Interferon Genes on Melanoma Survival and Therapy. <i>PLoS ONE</i> , 2012, 7, e50692.	2.5	16
191	Ionic conductivity, SEM, TGA and rheological studies of Nano-dispersed silica based polymer gel electrolytes containing LiBF4. <i>Solid State Ionics</i> , 2018, 317, 175-182.	2.7	16
192	Extracellular Biosynthesis of Metal Sulfide Nanoparticles Using the Fungus <i>Fusarium oxysporum</i> . <i>Current Nanoscience</i> , 2014, 10, 588-595.	1.2	16
193	A new As3+-silicate molecular sieve with MFI structure. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 869.	2.0	15
194	Entrapment and catalytic activity of gold nanoparticles in amine-functionalized MCM-41 matrices synthesized by spontaneous reduction of aqueous chloraurate ions. <i>PhysChemComm</i> , 2001, 4, 24.	0.8	15
195	POMC and TP53 genetic variability and risk of basal cell carcinoma of skin: Interaction between host and genetic factors. <i>Journal of Dermatological Science</i> , 2011, 63, 47-54.	1.9	15
196	New mixed ligand coated platinum nanoparticles for heterogeneous catalytic applications. <i>Catalysis Today</i> , 2012, 198, 77-84.	4.4	15
197	An investigation on effect of heating mode and temperature on sintering of Fe-P alloys. <i>Materials Characterization</i> , 2016, 114, 122-135.	4.4	15
198	Risk factors for keratinocyte skin cancer in patients diagnosed with melanoma, a large retrospective study. <i>European Journal of Cancer</i> , 2016, 53, 115-124.	2.8	15

#	ARTICLE	IF	CITATIONS
199	Protrusion effect on the performance of hybrid rocket with liquefying and non-liquefying fuels. <i>Acta Astronautica</i> , 2021, 178, 536-547.	3.2	15
200	Steric control of tritolylphosphines on the nuclearity of Cu(I) complexes: Syntheses and structures of the iodo-bridged $[Cu_4(\mu_3-I)_4(p\text{-tolyl}3P)_4]$ cubane and the $[Cu_2(\mu_2-I)_2(o\text{-tolyl}3P)_2]$ dimer. <i>Journal of Coordination Chemistry</i> , 2005, 58, 849-855.	2.2	14
201	Polymorphisms in NQO1 and the clinical course of urinary bladder neoplasms. <i>Scandinavian Journal of Urology and Nephrology</i> , 2007, 41, 182-190.	1.4	14
202	Spectroscopic techniques and cyclic voltammetry with synthesis: Manganese(II) coordination stability and its ligand field parameters effect on macrocyclic ligands. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 67, 188-195.	3.9	14
203	Effective active vibration control of single link flexible manipulator with modified positive position feedback control in the presence of instrumentation phase lead/lag. <i>JVC/Journal of Vibration and Control</i> , 2013, 19, 1538-1560.	2.6	14
204	Telomere length, arsenic exposure and risk of basal cell carcinoma of skin. <i>Carcinogenesis</i> , 2019, 40, 715-723.	2.8	14
205	Prognostic significance of homozygous deletions and multiple duplications at the CDKN2A (p16INK4a)/ARF (p14ARF) locus in urinary bladder cancer. <i>Scandinavian Journal of Urology and Nephrology</i> , 2006, 40, 363-369.	1.4	13
206	Gene expression variations: potentialities of master regulator polymorphisms in colorectal cancer risk. <i>Mutagenesis</i> , 2012, 27, 161-167.	2.6	13
207	Characterization of PVDf-HFP-based nanocomposite plasticized polymer electrolytes. <i>Surface Innovations</i> , 2017, 5, 251-256.	2.3	13
208	The 2D Disk Structure with Advective Transonic Inflow–Outflow Solutions around Black Holes. <i>Astrophysical Journal</i> , 2018, 860, 114.	4.5	13
209	Tribological behaviour of Fe–Ni self-lubricating composites with WS <sub>2</sub> solid lubricant. <i>Materials Research Express</i> , 2019, 6, 126507.	1.6	13
210	Service level agreement and energy cooperative cyber physical system for quickest healthcare services. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 36, 4077-4089.	1.4	13
211	Occurrence, functionality and abundance of the TERT promoter mutations. <i>International Journal of Cancer</i> , 2021, 149, 1852-1862.	5.1	13
212	The convergence of nanotechnology–stem cell, nanotopography–mechanobiology, and biotic–abiotic interfaces: Nanoscale tools for tackling the top killer, arteriosclerosis, strokes, and heart attacks. <i>Nano Select</i> , 2021, 2, 655-687.	3.7	13
213	Characterization of the pore geometry of the high-silica zeolite NCL-1 through various catalytic test reactions. <i>Microporous Materials</i> , 1994, 3, 195-200.	1.6	12
214	Melanocortin-1 receptor, skin cancer and phenotypic characteristics (M-SKIP) project: study design and methods for pooling results of genetic epidemiological studies. <i>BMC Medical Research Methodology</i> , 2012, 12, 116.	3.1	12
215	Synthesis and biological evaluation of some new quinazolin-4(3H)-ones derivatives as anticonvulsants. <i>Medicinal Chemistry Research</i> , 2013, 22, 3282-3288.	2.4	12
216	Telomere length in circulating lymphocytes: Association with chromosomal aberrations. <i>Genes Chromosomes and Cancer</i> , 2015, 54, 194-196.	2.8	12

#	ARTICLE	IF	CITATIONS
217	Effect of chromium and aluminum addition on anisotropic and microstructural characteristics of ball milled nanocrystalline iron. <i>Journal of Alloys and Compounds</i> , 2016, 671, 164-169.	5.5	12
218	Identification of distinct Brønsted acidic sites in zeolite mordenite by proton localization and [27Al]-1H REAPDOR NMR. <i>Chemical Communications</i> , 2003, , 2076-2077.	4.1	11
219	Polymorphisms in DNA repair genes XRCC1 and XRCC3, occupational exposure to arsenic and sunlight, and the risk of non-melanoma skin cancer in a European case-control study. <i>Environmental Research</i> , 2014, 134, 382-389.	7.5	11
220	Electrical characterization of nano-composite polymer gel electrolytes containing NH <sub>4</sub> BF <sub>4</sub> and SiO <sub>2</sub> : role of donor number of solvent and fumed silica. <i>Ionics</i> , 2017, 23, 2761-2766.	2.4	11
221	FTIR, thermal and ionic conductivity studies of nanocomposite polymer electrolytes. <i>Surface Innovations</i> , 2019, 7, 51-58.	2.3	11
222	Effect of water absorption on mechanical and tribological properties of Indian ramie/epoxy composites. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2022, 236, 1871-1879.	1.8	11
223	N-Nitrosodimethylamine and 7-methylguanine DNA adducts in tissues of rats fed Chinese salted fish. <i>Cancer Letters</i> , 1995, 94, 85-90.	7.2	10
224	Evidence of ion pair breaking by dispersed polymer in polymer gel electrolytes. <i>Ionics</i> , 2004, 10, 10-16.	2.4	10
225	Identification of tetrahedrally ordered Si-O-Al environments in molecular sieves by { <sup>27</sup> Al}- <sup>29</sup> Si REAPDOR NMR. <i>Chemical Physics Letters</i> , 2004, 390, 79-83.	2.6	10
226	Spectral studies, cyclic voltammetry and synthesis of cobalt(II) and ruthenium(III) complexes with symmetric and asymmetric ring containing membered N <sub>2</sub> S <sub>2</sub> , N <sub>4</sub> , and N <sub>5</sub> donor macrocyclic ligands. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 62, 1050-1057.	3.9	10
227	Adaptive hybrid control of smart structures subjected to multiple disturbances. <i>Smart Materials and Structures</i> , 2006, 15, 1345-1357.	3.5	10
228	Highly Chemoselective Catalytic System for Hydrogenation of Diketones to Ketols: An Environmentally Benevolent System. <i>Catalysis Letters</i> , 2008, 120, 257-260.	2.6	10
229	Electrical Characterization of PVdF based Proton Conducting Polymer Gel Electrolytes. <i>Current Smart Materials</i> , 2016, 1, 63-67.	0.5	10
230	Structural Evolution during Milling, Annealing, and Rapid Consolidation of Nanocrystalline Fe <sub>10</sub> Cr <sub>3</sub> Al Powder. <i>Materials</i> , 2017, 10, 272.	2.9	10
231	Cleaning the molecular machinery of cells <i>via</i> proteostasis, proteolysis and endocytosis selectively, effectively, and precisely: intracellular self-defense and cellular perturbations. <i>Molecular Omics</i> , 2021, 17, 11-28.	2.8	10
232	Spectroscopic studies, cyclic voltammetry and synthesis of nickel(II) complexes with N <sub>4</sub> , N <sub>2</sub> O <sub>2</sub> and N <sub>4</sub> S <sub>2</sub> donor macrocyclic ligands. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 62, 518-525.	3.9	9
233	Synthesis and characterization of NCL-5, NCL-6 and NCL-7: New zeolites enriched with polymorph B of the BEA family. <i>Microporous and Mesoporous Materials</i> , 2007, 105, 82-88.	4.4	9
234	A case-control study of childhood acute lymphoblastic leukaemia and polymorphisms in the TGF $\beta$ <sup>2</sup> and receptor genes. <i>Pediatric Blood and Cancer</i> , 2009, 52, 819-823.	1.5	9



#	ARTICLE	IF	CITATIONS
235	Active Vibration Control of Beams by Combining Precompressed Layer Damping and ACLD Treatment: Performance Comparison of Various Robust Control Techniques. Journal of Vibration and Acoustics, Transactions of the ASME, 2012, 134, .	1.6	9
236	Epidemiological, bacteriological and molecular studies on caseous lymphadenitis in Sirohi goats of Rajasthan, India. Tropical Animal Health and Production, 2012, 44, 1319-1322.	1.4	9
237	Zeolite-catalysed Selective Decomposition of Cumene Hydroperoxide into Phenol and Acetone. Journal of Chemical Research Synopses, 1997, , 52-53.	0.3	8
238	Nickel(II) complexes with different chromospheres containing macrocyclic ligands: Spectroscopic and electrochemical studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2006, 65, 215-220.	3.9	8
239	Multiple Melanomas After Treatment for Hodgkin Lymphoma in a Non-Dutch p16-Leiden Mutation Carrier With 2 MC1R High-Risk Variants. Archives of Dermatology, 2007, 143, 495-9.	1.4	8
240	An efficient heterogeneous catalytic system for chemoselective hydrogenation of unsaturated ketones in aqueous medium. Polyhedron, 2010, 29, 3262-3268.	2.2	8
241	Ordered organo-inorganic hybrid mesoporous solid acid catalysts (Zr-TMS-TFA) for Michael addition of indoles with $\alpha,\beta$ -unsaturated carbonyl compounds under environmentally benign solvent free conditions. Microporous and Mesoporous Materials, 2012, 164, 232-238.	4.4	8
242	Rapid detection of Corynebacterium pseudotuberculosis in clinical samples from sheep. Tropical Animal Health and Production, 2013, 45, 1429-1435.	1.4	8
243	A Framework for Risk-Energy Aware Service-Level Agreement Provisioning (RESP) for Computing the Quickest Path. Journal of Computer Networks and Communications, 2019, 2019, 1-8.	1.6	8
244	Low temperature, efficient synthesis of new As(V)-silicate molecular sieves with MFI topology and their catalytic properties in oxidation reactions. Catalysis Letters, 1995, 35, 327-334.	2.6	7
245	Multivariable adaptive vibration control of smart structures using iterative (LQG) control strategies. Smart Materials and Structures, 2005, 14, 953-962.	3.5	7
246	Coordination stability between metal/ligands interaction by modern spectroscopic studies: IR, electronic, EPR and cyclic voltammetry of cobalt(II) complexes with organic skeleton containing cyclic ligands. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2006, 65, 852-858.	3.9	7
247	COMPARTMENT FIRES: CALTREE AND CROSS-VENTILATION. Combustion Science and Technology, 2007, 179, 1549-1567.	2.3	7
248	Influence of DNA repair gene polymorphisms on the initial repair of MMS-induced DNA damage in human lymphocytes as measured by the alkaline comet assay. Environmental and Molecular Mutagenesis, 2008, 49, 669-675.	2.2	7
249	DNA damage, DNA repair rates and mRNA expression levels of cell cycle genes (TP53, p21CDKN1A, BCL2) Tj ETQq1,1,0.784314 rgBT /Qv	2.8	7
250	Enhanced active constrained layer damping (ACLD) treatment using stand-off-layer: robust controllers design, experimental implementation and comparison. JVC/Journal of Vibration and Control, 2013, 19, 439-460.	2.6	7
251	Conductivity modification of gum acacia-based gel electrolytes. Emerging Materials Research, 2018, 7, 89-94.	0.7	7
252	Mutation Signatures in Melanocytic Nevi Reveal Characteristics of Defective DNA Repair. Journal of Investigative Dermatology, 2020, 140, 2093-2096.e2.	0.7	7



#	ARTICLE	IF	CITATIONS
253	Size discrimination of colloidal nanoparticles by thiol-functionalized MCM-41 mesoporous molecular sieves. <i>PhysChemComm</i> , 2000, 3, 15.	0.8	6
254	Simultaneous detection of the exon 10 polymorphism and a novel intronic single base insertion polymorphism in the XPD gene using single strand conformation polymorphism. <i>Mutagenesis</i> , 2003, 18, 207-209.	2.6	6
255	Spectral studies with coordination behaviour of (NO <sub>3</sub> ) and (NCS) anions and EPR parameters of chromium(III) complexes which have different chromospheres macrocyclic ligands: Synthesis and electronic spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 66, 74-80.	3.9	6
256	Spectroscopic and electrochemical investigation with coordination stabilities: Mononuclear manganese(II) complexes derived from different constituents macrocyclic ligands. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 68, 1250-1255.	3.9	6
257	Heterogenized Ru(II) phenanthroline complex for chemoselective hydrogenation of diketones under biphasic aqueous medium. <i>Journal of Molecular Catalysis A</i> , 2010, 333, 114-120.	4.8	6
258	Effect of heat treatment on thermal and mechanical stability of NaOH-doped xanthan gum-based hydrogels. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 1337-1347.	2.5	6
259	Mixed ligand chelates of some rare earth metals with diethylenetriamine-pentaacetic acid and dicarboxylic acids. <i>Monatshefte für Chemie</i> , 1979, 110, 907-912.	1.8	5
260	Acidity and sorbate shape selectivity of H-ZSM-22, H-ZSM-48, and H-ZSM-50 zeolites. <i>Journal of Catalysis</i> , 1991, 129, 293-296.	6.2	5
261	Optimized Near Minimum Time Control of Flexible Structures Using Variable Gain (LQG) Control Strategies. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , 2006, 128, 402-407.	1.6	5
262	Coordination chemistry of copper(II) complexes with N <sub>4</sub> , N <sub>4</sub> S <sub>2</sub> , and N <sub>4</sub> O <sub>2</sub> donor macrocyclic ligands: Biological aspects—antifungal, synthesis, spectral studies, and magnetic moments. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2006, 32, 192-198.	1.0	5
263	Re: Association Between Endothelin Receptor B Nonsynonymous Variants and Melanoma Risk. <i>Journal of the National Cancer Institute</i> , 2006, 98, 1252-1253.	6.3	5
264	Spectroscopic, thermal and X-ray powder diffraction patterns of Bi(V) complexes with [2S-[2?, 5?, 6?-( <i>S</i> *)]-6-[amino(4-hydroxyphenyl) acetyl amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3,2,0]heptane-2-carboxylic acid and (6 <i>R</i> )-6-( <i>p</i> -phenyl- <i>scpd</i> -glycyamino) penicillanic acids. <i>Main Group Chemistry</i> , 2008, 7, 1-14.	0.8	5
265	Spectral, structural elucidation and coordination abilities of Co(II) and Mn(II) coordination entities of 2,6,11,15-tetraoxa-9,17-diaza-1,7,10,16-(1,2)-tetrabenzenacyclooctadecaphan-8,17-diene. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 1042-1049.	3.9	5
266	Efficient Active Vibration Control of Smart Structures With Modified Positive Position Feedback Control Using Pattern Search Methods in the Presence of Instrumentation Phase Lead and Lag. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2013, 135, .	1.6	5
267	High Voltage and its Applications: A Review. , 2018, , .		5
268	COMPARTMENT FIRES: AN EXPERIMENTAL STUDY. <i>Journal of Applied Fire Science</i> , 2002, 11, 255-277.	0.0	5
269	Mutational Characterization of Cutaneous Melanoma Supports Divergent Pathways Model for Melanoma Development. <i>Cancers</i> , 2021, 13, 5219.	3.7	5
270	Main group metal—organic frameworks of Bi(V) and Pb(II) derived from 2-[4,6-diamino-3-[3-amino-6-(1-methylamino-ethyl) tetrahydropyran-2-yl]oxy-2-hydroxy-cyclohexoxy]-5-methyl-4-methylamino-tetrahydropyran-3,5-diol and their molecular modeling. <i>Main Group Chemistry</i> , 2007, 6, 11-23.	0.8	4

#	ARTICLE	IF	CITATIONS
271	Use of Liposomal Drugs in the Treatment of Rheumatoid Arthritis. <i>Current Rheumatology Reviews</i> , 2008, 4, 63-70.	0.8	4
272	A framework for continuity of mission-critical network services. , 2015, , .		4
273	Differences by Anatomical Site of Non-Acral Lentiginous Melanomas of the Lower Limb. <i>Dermatology</i> , 2022, 238, 977-985.	2.1	4
274	Synthesis, characterization and catalytic properties of ferri- and gallo-silicate analogues of zeolite NCL-1. <i>Catalysis Letters</i> , 1996, 38, 245-249.	2.6	3
275	A new method for enhancing zeolite crystallization by using oxyacids/salts of group VA and VIIA elements as promoters. <i>Studies in Surface Science and Catalysis</i> , 1997, 105, 141-148.	1.5	3
276	Isopropylation of Xylenes Catalyzed by Ultrastable Zeolite Y (USY) and Some Other Solid Acid Catalysts. <i>Journal of Catalysis</i> , 2002, 212, 216-224.	6.2	3
277	Bi(V) organic framework in an asymmetric system: Synthesis, spectroscopic, XRPD and molecular modeling. <i>Main Group Chemistry</i> , 2007, 6, 85-95.	0.8	3
278	Spectroscopic and electrochemical properties of organic framework of macrocyclic OONNOO-donor ligand with its metal organic framework: Host/guest stability measurements. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 71, 305-311.	3.9	3
279	An Implementation of Time-Delay Compensation Scheme for Networked Control Systems Using MATLAB/Simulink. , 2011, , .		3
280	Self-similar Solutions for Finite Size Advection-dominated Accretion Flows. <i>Astrophysical Journal</i> , 2019, 876, 114.	4.5	3
281	Deciphering foot-and-mouth disease (FMD) virusâ€™host tropism. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 4779-4789.	3.5	3
282	Study of PVA-based nanocomposite polymer gels containing weak aliphatic dicarboxylic acids. <i>Surface Innovations</i> , 2020, 8, 182-189.	2.3	3
283	Synthesis and Characterization of Nanocrystalline Ni-Cr-Al Alloy Powder. <i>Materials Today: Proceedings</i> , 2021, 41, 821-824.	1.8	3
284	Synthesis and characterization of nanocrystalline high entropy alloy powder. <i>Materials Today: Proceedings</i> , 2021, 41, 921-924.	1.8	3
285	A Review of Possible Advective Disk Structures around a Black Hole with Two Types of Gas Inflows. <i>Astrophysical Journal</i> , 2021, 910, 9.	4.5	3
286	COMPARTMENT FIRES: A SIMPLE MATHEMATICAL MODEL. <i>Journal of Applied Fire Science</i> , 2002, 11, 53-74.	0.0	3
287	Synthesis, structural elucidation and antimicrobial effectiveness of coordination entities of cobalt (II) and nickel (II) derived from 9,17-diaza-2,6,11,15-tetrathia-1,7,10,16-(1,2)-tetrabenzencyclooctadecaphan-8,17-diene. <i>European Journal of Chemistry</i> , 2012, 3, 57-64.	0.6	3
288	B-RAF mutations in tumors from melanoma-breast cancer families. <i>International Journal of Cancer</i> , 2005, 113, 336-337.	5.1	2

#	ARTICLE	IF	CITATIONS
289	Synthesis, Spectroscopy, Cyclic Voltammetry, and Magnetic Studies on Nickel(II) Complexes with N2S3 and N2S2 Donor Macrocyclic Ligands. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2005, 35, 101-106.	0.6	2
290	Effect of Heating Mode on Sinterability of Fe-Ni Steels. Journal of Microwave Power and Electromagnetic Energy, 2011, 45, 162-177.	0.8	2
291	Inherited variability in a master regulator polymorphism (rs4846126) associates with survival in 5-FU treated colorectal cancer patients. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2014, 766-767, 7-13.	1.0	2
292	A novel c. 204 Ile68Met germline variant in exon 2 of the mutL homolog 1 gene in a colorectal cancer patient. Oncology Letters, 2015, 9, 183-186.	1.8	2
293	Organometallic assemblies: $\pi$ -electron delocalization, $\pi$ / $\sigma$ -bridging spacers, flexibility, lipophilic nature, bio-accessibility, bioavailability, intracellular trafficking pathways and antimicrobial assimilation. Journal of Organometallic Chemistry, 2015, 776, 64-76.	1.8	2
294	Nanocomposite polymer electrolytes for energy devices. , 2021, , 27-40.		2
295	Experimental Validation of RELIEFâ€”A Zone Model to Predict Fire Behavior in Enclosures with Wall Linings. Journal of Applied Fire Science, 2007, 17, 311-336.	0.0	2
296	Positive Attributes of Anti-TERT CD4 T-Helper Type 1 Immune Responses in Melanoma. Journal of Investigative Dermatology, 2021, , .	0.7	2
297	Synthesis and Characterization of Nanocrystalline and Microcrystalline High Entropy Alloys and Study of Their Corrosion Behavior. Transactions of the Indian Institute of Metals, 2022, 75, 2091-2097.	1.5	2
298	Perturbation of linear m-accretive operators in Hilbert spaces. Nonlinear Analysis: Theory, Methods & Applications, 1990, 15, 997-1004.	1.1	1
299	Perturbation of m-accretive operators in banach spaces. Nonlinear Analysis: Theory, Methods & Applications, 1991, 17, 161-168.	1.1	1
300	Identification of in vivo mutations in exon 5 of the human HPRT gene in a set of pooled T-cell mutants by constant denaturant capillary electrophoresis (CDCE). Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2000, 452, 57-66.	1.0	1
301	Synthesis, spectroscopic, XRPD and computational study of transition metal-organic frameworks (TMOFs) derived from (6R)-6-(1 $\pm$ -phenyl-D-glycylamino) penicillanic acid. Russian Journal of Inorganic Chemistry, 2009, 54, 1301-1309.	1.3	1
302	Computational approach on architecture and tailoring of organic metal complexes derived from streptomycin and Zn, Cd and Pb: antimicrobial effectiveness. Applied Organometallic Chemistry, 2011, 25, 791-798.	3.5	1
303	Characterization of nonacral melanoma patients without typical risk factors. Melanoma Research, 2012, 22, 316-319.	1.2	1
304	Performance Analysis of Finite Element and Energy Based Analytical Methods for Modeling of PCLD Treated Beams. Journal of Vibration and Acoustics, Transactions of the ASME, 2012, 134, .	1.6	1
305	An architecture of smart transportation system using modified RR algorithm and VANET. , 2017, , .		1
306	Radiative energy from a reconnection region around massive black hole. Monthly Notices of the Royal Astronomical Society, 2021, 508, 5251-5258.	4.4	1

#	ARTICLE	IF	CITATIONS
307	RELIEFâ€”A Simple Zone Model to Predict Fire Behavior in Enclosures with Wall Linings. Journal of Applied Fire Science, 2007, 17, 295-310.	0.0	1
308	Effect of Protrusion on Combustion Stability of Hybrid Rocket Motor. Propellants, Explosives, Pyrotechnics, 2022, 47, .	1.6	1
309	m-accretivity of the differential operators with an interface. Nonlinear Analysis: Theory, Methods & Applications, 1995, 24, 765-772.	1.1	0
310	CONDUCTIVITY ENHANCEMENT WITH POLYMER ADDITION IN NON-AQUEOUS POLYMER GEL ELECTROLYTES. , 2004, , 911-922.		0
311	Coordination patterns: Spectroscopic and electrochemical investigation on Mn(II) complexes with macrocyclic ligands derived from two different organic skeletons. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2007, 33, 927-931.	1.0	0
312	A dependable routing framework for seamless traffic flow over the computer network. , 2014, , .		0
313	Nanodispersed polymer gels used as electrolytes in lithium-ion batteries. , 2021, , 41-57.		0
314	Withdrawal Notice: Nanotoxicity of Multifunctional Stoichiometric Cobalt Oxide Nanoparticles (SCoONPs) with Repercussions Towards Apoptosis and Necrosis at Nano-biointerfaces. Current Nanomedicine, 2021, 11, .	0.6	0
315	Vibration Analysis of Rotor Bearing Housings Considering Unbalancing in Two Planes. Lecture Notes in Mechanical Engineering, 2014, , 83-93.	0.4	0
316	Abstract 3408: Telomere length and TERT promoter mutations in cutaneous melanoma. , 2017, , .		0
317	Effect of Nanocrystalline Structure on the Oxidation Behavior of Feâ€”20Crâ€”3Al Alloy at High Temperatures. Oxidation of Metals, 2022, 97, 307.	2.1	0
318	Theoretical analysis on pulsar timing of a millisecond pulsar around a binary black hole. Monthly Notices of the Royal Astronomical Society, 2021, 510, 708-717.	4.4	0