

Rajiv Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

318
papers

23,405
citations

11608

70
h-index

9073

144
g-index

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. <i>Science</i> , 2013, 339, 959-961.	6.0	1,574
2	Extracellular biosynthesis of silver nanoparticles using the fungus <i>Fusarium oxysporum</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2003, 28, 313-318.	2.5	1,505
3	Fungus-Mediated Synthesis of Silver Nanoparticles and Their Immobilization in the Mycelial Matrix: A Novel Biological Approach to Nanoparticle Synthesis. <i>Nano Letters</i> , 2001, 1, 515-519.	4.5	1,181
4	Bioreduction of AuCl ₄ ⁻ Ions by the Fungus, <i>Verticillium sp.</i> 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.. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3585.	7.2	768
5	Genome-wide association study identifies five susceptibility loci for glioma. <i>Nature Genetics</i> , 2009, 41, 899-904.	9.4	713
6	Extracellular Biosynthesis of Monodisperse Gold Nanoparticles by a Novel Extremophilic Actinomycete, <i>Thermomonosporasp.</i> . <i>Langmuir</i> , 2003, 19, 3550-3553.	1.6	684
7	Intracellular synthesis of gold nanoparticles by a novel alkalotolerant actinomycete, <i>Rhodococcus</i> species. <i>Nanotechnology</i> , 2003, 14, 824-828.	1.3	618
8	Sequence variants at the TERT-CLPTM1L locus associate with many cancer types. <i>Nature Genetics</i> , 2009, 41, 221-227.	9.4	572
9	Extracellular Synthesis of Gold Nanoparticles by the Fungus <i>Fusarium oxysporum</i> . <i>ChemBioChem</i> , 2002, 3, 461.	1.3	560
10	Enzyme Mediated Extracellular Synthesis of CdS Nanoparticles by the Fungus, <i>Fusarium oxysporum</i> . <i>Journal of the American Chemical Society</i> , 2002, 124, 12108-12109.	6.6	509
11	A multi-stage genome-wide association study of bladder cancer identifies multiple susceptibility loci. <i>Nature Genetics</i> , 2010, 42, 978-984.	9.4	493
12	Metastatic potential of melanomas defined by specific gene expression profiles with no BRAF signature. <i>Pigment Cell & Melanoma Research</i> , 2006, 19, 290-302.	4.0	483
13	Extracellular Biosynthesis of Bimetallic Au-Ag Alloy Nanoparticles. <i>Small</i> , 2005, 1, 517-520.	5.2	417
14	Sequence variant on 8q24 confers susceptibility to urinary bladder cancer. <i>Nature Genetics</i> , 2008, 40, 1307-1312.	9.4	377
15	Genetic variation in the prostate stem cell antigen gene PSCA confers susceptibility to urinary bladder cancer. <i>Nature Genetics</i> , 2009, 41, 991-995.	9.4	321
16	ASIP and TYR pigmentation variants associate with cutaneous melanoma and basal cell carcinoma. <i>Nature Genetics</i> , 2008, 40, 886-891.	9.4	306
17	New common variants affecting susceptibility to basal cell carcinoma. <i>Nature Genetics</i> , 2009, 41, 909-914.	9.4	303
18	Polymorphisms in DNA repair and metabolic genes in bladder cancer. <i>Carcinogenesis</i> , 2003, 25, 729-734.	1.3	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. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17426-17431.	3.3	291
20	A germline variant in the TP53 polyadenylation signal confers cancer susceptibility. Nature Genetics, 2011, 43, 1098-1103.	9.4	251
21	Variation in CDKN2A at 9p21.3 influences childhood acute lymphoblastic leukemia risk. Nature Genetics, 2010, 42, 492-494.	9.4	248
22	Genome-wide association study of renal cell carcinoma identifies two susceptibility loci on 2p21 and 11q13.3. Nature Genetics, 2011, 43, 60-65.	9.4	220
23	Genetic polymorphisms in DNA repair genes and possible links with DNA repair rates, chromosomal aberrations and single-strand breaks in DNA. Carcinogenesis, 2003, 25, 757-763.	1.3	218
24	BRAF Mutations Are Common Somatic Events in Melanocytic Nevi Tables 2 and 3 can be found at http://www.blackwellpublishing.com/products/journals/suppmat/jid/jid22225/jid22225sm.htm . Journal of Investigative Dermatology, 2004, 122, 342-348.	0.3	206
25	Ferrisilicate analogs of zeolites. Catalysis Today, 1991, 9, 329-416.	2.2	205
26	TERT promoter mutations in cancer development. Current Opinion in Genetics and Development, 2014, 24, 30-37.	1.5	203
27	Industrial applications of natural fibre-reinforced polymer composites – challenges and opportunities. International Journal of Sustainable Engineering, 2019, 12, 212-220.	1.9	200
28	Metabolism of Low-Dose Inorganic Arsenic in a Central European Population: Influence of Sex and Genetic Polymorphisms. Environmental Health Perspectives, 2007, 115, 1081-1086.	2.8	188
29	Association of DNA repair polymorphisms with DNA repair functional outcomes in healthy human subjects. Carcinogenesis, 2006, 28, 657-664.	1.3	174
30	A sequence variant at 4p16.3 confers susceptibility to urinary bladder cancer. Nature Genetics, 2010, 42, 415-419.	9.4	169
31	Telomeres and Telomere Length: A General Overview. Cancers, 2020, 12, 558.	1.7	156
32	Genetics of pigmentation in skin cancer – A review. Mutation Research - Reviews in Mutation Research, 2010, 705, 141-153.	2.4	153
33	Promoter-induced enhancement of the crystallization rate of zeolites and related molecular sieves. Nature, 1996, 381, 298-300.	13.7	151
34	Verification of the susceptibility loci on 7p12.2, 10q21.2, and 14q11.2 in precursor B-cell acute lymphoblastic leukemia of childhood. Blood, 2010, 115, 1765-1767.	0.6	142
35	A hybrid framework for multimedia data processing in IoT-healthcare using blockchain technology. Multimedia Tools and Applications, 2020, 79, 9711-9733.	2.6	140
36	European genome-wide association study identifies SLC14A1 as a new urinary bladder cancer susceptibility gene. Human Molecular Genetics, 2011, 20, 4268-4281.	1.4	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.	1.1	133
38	Effect of common B-RAF and N-RAS mutations on global gene expression in melanoma cell lines. Carcinogenesis, 2005, 26, 1224-1232.	1.3	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.	3.1	119
40	Gene Expression Profiling of Human Endometrial-Trophoblast Interaction in a Coculture Model. Endocrinology, 2006, 147, 5662-5675.	1.4	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.	9.4	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.	0.3	109
43	Update of PAX2 mutations in renal coloboma syndrome and establishment of a locus-specific database. Human Mutation, 2012, 33, 457-466.	1.1	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.	3.2	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.	0.4	107
47	Synthesis and spectral studies on mononuclear complexes of chromium(III) and manganese(II) with 12-membered tetradentate N ₂ O ₂ , N ₂ S ₂ and N ₄ donor macrocyclic ligands. Transition Metal Chemistry, 2004, 29, 269-275.	0.7	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.	2.2	96
49	Triphase Catalysis over Titanium-Silicate Molecular Sieves under Solvent-free Conditions. Journal of Catalysis, 1998, 178, 101-107.	3.1	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.	0.4	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.	2.3	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.	2.3	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.	0.9	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.	2.6	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.	1.5	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.	1.1	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.	2.3	81
59	Baeyer-Villiger rearrangement catalysed by titanium silicate molecular sieve (TS-1)/H ₂ O ₂ system. <i>Catalysis Letters</i> , 1996, 40, 47-50.	1.4	80
60	Single nucleotide polymorphisms in the XPC gene: Determination of role in DNA repair and breast cancer risk. <i>International Journal of Cancer</i> , 2003, 103, 671-675.	2.3	80
61	²⁹ Si and ²⁷ Al MAS/3Q-MAS NMR Studies of High Silica USY Zeolites. <i>Journal of Physical Chemistry B</i> , 2002, 106, 6115-6120.	1.2	78
62	Single nucleotide polymorphisms in DNA repair genes and basal cell carcinoma of skin. <i>Carcinogenesis</i> , 2005, 27, 1676-1681.	1.3	77
63	Titanium silicate molecular sieve (TS-1)/H ₂ O ₂ 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.	5.7	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.	0.6	75
66	Isomerization and formation of xylenes over ZSM-22 and ZSM-23 zeolites. <i>Journal of Catalysis</i> , 1989, 116, 440-448.	3.1	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.	0.9	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.	1.3	72
69	Analysis of G1/S checkpoint regulators in metastatic melanoma. <i>Genes Chromosomes and Cancer</i> , 2000, 28, 404-414.	1.5	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.	2.6	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.	3.2	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.	1.6	64

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73	Epigenetic deregulation of TCF21 inhibits metastasis suppressor KISS1 in metastatic melanoma. <i>Carcinogenesis</i> , 2011, 32, 1467-1473.	1.3	64
74	Crystallization kinetics of a new titanium silicate with MEL structure (TS-2). <i>Zeolites</i> , 1992, 12, 95-100.	0.9	63
75	Selective deletion of exon 1 ² 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. <i>Sensors</i> , 2019, 19, 2119.	2.1	62
77	Visible light-induced splitting of water using CdS nanocrystallites immobilized over water-repellant polymeric surface. <i>International Journal of Hydrogen Energy</i> , 2007, 32, 2784-2790.	3.8	61
78	Melanocortin receptor 1 variants and melanoma risk: A study of 2 European populations. <i>International Journal of Cancer</i> , 2009, 125, 1868-1875.	2.3	61
79	Inherited variants in the <i>MC1R</i> gene and survival from cutaneous melanoma: a BioGenoMEL study. <i>Pigment Cell and Melanoma Research</i> , 2012, 25, 384-394.	1.5	61
80	Basal cell carcinoma and variants in genes coding for immune response, DNA repair, folate and iron metabolism. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 574, 105-111.	0.4	60
81	Oxidative Organic Transformations Catalyzed by Titanium- and Vanadium-Silicate Molecular Sieves. <i>Synlett</i> , 1995, 1995, 289-298.	1.0	59
82	Association of Inherited Variation in Toll-Like Receptor Genes with Malignant Melanoma Susceptibility and Survival. <i>PLoS ONE</i> , 2011, 6, e24370.	1.1	58
83	A facile and selective synthesis of β -keto esters via zeolite catalysed transesterification. <i>Chemical Communications</i> , 1996, , 707-708.	2.2	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. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2010, 01, 281-291.	0.3	57
86	Occupational Exposure to Ultraviolet Radiation and Risk of Non-Melanoma Skin Cancer in a Multinational European Study. <i>PLoS ONE</i> , 2013, 8, e62359.	1.1	56
87	<i>MC1R</i> variants associated susceptibility to basal cell carcinoma of skin: Interaction with host factors and <i>XRCC3</i> polymorphism. <i>International Journal of Cancer</i> , 2008, 122, 1787-1793.	2.3	54
88	Polymorphisms in the CD28/CTLA4/ICOS genes: role in malignant melanoma susceptibility and prognosis?. <i>Cancer Immunology, Immunotherapy</i> , 2010, 59, 303-312.	2.0	54
89	Conductivity and viscosity behaviour of PMMA based gels and nano dispersed gels: Role of dielectric constant of the solvent. <i>Solid State Ionics</i> , 2005, 176, 1577-1583.	1.3	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: A Case Study Involving TS-1-Catalyzed Hydroxylation of Benzene. <i>Industrial & Engineering Chemistry Research</i> , 2002, 41, 2159-2169.	1.8	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.	0.7	49
95	Pancreatic Cancer Susceptibility Loci and Their Role in Survival. <i>PLoS ONE</i> , 2011, 6, e27921.	1.1	49
96	Hydroxy-assisted chemo- and stereo-selective epoxidation catalysed by a titanium silicate molecular sieve (TS-1)/H ₂ O ₂ 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.	1.4	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 ₂ O ₂ under solvent-free triphase conditions. <i>Catalysis Today</i> , 1999, 49, 185-191.	2.2	47
100	MTHFR genetic polymorphisms and susceptibility to childhood acute lymphoblastic leukemia. <i>Blood</i> , 2005, 106, 2590-2591.	0.6	47
101	Somatic Mutations in Exocrine Pancreatic Tumors: Association with Patient Survival. <i>PLoS ONE</i> , 2013, 8, e60870.	1.1	47
102	Low frequency of BRAF and CDKN2A mutations in endometrial cancer. <i>International Journal of Cancer</i> , 2005, 115, 930-934.	2.3	46
103	MTHFR and MTRR genotype and haplotype analysis and colorectal cancer susceptibility in a case-control study from the Czech Republic. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 721, 74-80.	0.9	46
104	Defining fast-growing melanomas. <i>Melanoma Research</i> , 2011, 21, 131-138.	0.6	46
105	Triphase, solvent-free catalysis over the TS-1/H ₂ O ₂ system in selective oxidation reactions. <i>Microporous and Mesoporous Materials</i> , 1998, 21, 497-504.	2.2	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.	3.2	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.	1.4	44
108	Effect of molecular weight of PMMA on the conductivity and viscosity behavior of polymer gel electrolytes containing NH ₄ CF ₃ SO ₃ . <i>Ionics</i> , 2008, 14, 509-514.	1.2	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.	2.3	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.	2.3	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.	2.3	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.	0.9	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.	1.2	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.	1.3	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.	1.1	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.	0.9	42
118	Determination of allele frequency in pooled DNA: comparison of three PCR-based methods. <i>BioTechniques</i> , 2005, 39, 853-858.	0.8	41
119	Multinuclear (²⁷ Al, ²⁹ Si, ⁴⁷ , ⁴⁹ Ti) solid-state NMR of titanium substituted zeolite USY. <i>Solid State Nuclear Magnetic Resonance</i> , 2003, 24, 184-195.	1.5	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.	1.7	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.	5.0	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.	1.2	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.	2.2	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.	1.5	36
125	Rationale for an international consortium to study inherited genetic susceptibility to childhood acute lymphoblastic leukemia. <i>Haematologica</i> , 2011, 96, 1049-1054.	1.7	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.	1.3	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.	0.4	35
128	Variants at the 9p21 locus and melanoma risk. <i>BMC Cancer</i> , 2013, 13, 325.	1.1	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.	0.8	34
130	Synthesis of zeolite beta using silica gel as a source of SiO ₂ . <i>Journal of Chemical Technology and Biotechnology</i> , 1990, 48, 453-466.	1.6	34
131	Efficient heterogeneous catalytic systems for enantioselective hydrogenation of prochiral carbonyl compounds. <i>Journal of Catalysis</i> , 2004, 228, 386-396.	3.1	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.	1.4	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.	0.9	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.	1.6	32
136	Clinical course of bladder neoplasms and single nucleotide polymorphisms in the CDKN2A gene. <i>International Journal of Cancer</i> , 2003, 104, 98-103.	2.3	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.	0.3	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.	1.1	31
139	Transition metal-silicate analogs of zeolites. <i>Catalysis Letters</i> , 1993, 22, 227-237.	1.4	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.	2.1	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.	1.1	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.	0.9	30
144	Shape selectivity in reactions of xylenes in zeolite ZSM-48. <i>Journal of Catalysis</i> , 1989, 118, 68-78.	3.1	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.	2.0	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.	0.3	28
147	Variants at chromosome 20 (<i>ASIP</i> locus) and melanoma risk. <i>International Journal of Cancer</i> , 2013, 132, 42-54.	2.3	28
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