

# Keith E Gordon

## List of Publications by Year in descending order

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390  
papers

14,771  
citations

19657

61  
h-index

33894

99  
g-index

401  
all docs

401  
docs citations

401  
times ranked

13584  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Efficient Porphyrin Sensitizers for Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2007, 111, 11760-11762.	3.1	691
2	Efficient Light Harvesting by Using Green Zn-Porphyrin-Sensitized Nanocrystalline TiO <sub>2</sub> Films. <i>Journal of Physical Chemistry B</i> , 2005, 109, 15397-15409.	2.6	425
3	Terahertz pulsed spectroscopy and imaging in the pharmaceutical setting - a review. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 59, 209-223.	2.4	330
4	Using Terahertz Pulsed Spectroscopy to Quantify Pharmaceutical Polymorphism and Crystallinity. <i>Journal of Pharmaceutical Sciences</i> , 2005, 94, 837-846.	3.3	326
5	Coamorphous Drug Systems: Enhanced Physical Stability and Dissolution Rate of Indomethacin and Naproxen. <i>Molecular Pharmaceutics</i> , 2011, 8, 1919-1928.	4.6	302
6	Solid form screening – A review. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 71, 23-37.	4.3	237
7	Using terahertz pulsed spectroscopy to study crystallinity of pharmaceutical materials. <i>Chemical Physics Letters</i> , 2004, 390, 20-24.	2.6	217
8	Raman spectroscopy for quantitative analysis of pharmaceutical solids. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 59, 179-192.	2.4	196
9	Analysis of solid-state transformations of pharmaceutical compounds using vibrational spectroscopy. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 61, 971-988.	2.4	179
10	Zn <sup>2+</sup> Zn Porphyrin Dimer-Sensitized Solar Cells: Toward 3-D Light Harvesting. <i>Journal of the American Chemical Society</i> , 2009, 131, 15621-15623.	13.7	177
11	High Exciton Diffusion Coefficients in Fused Ring Electron Acceptor Films. <i>Journal of the American Chemical Society</i> , 2019, 141, 6922-6929.	13.7	177
12	Structural investigations on nanoemulsions, solid lipid nanoparticles and nanostructured lipid carriers by cryo-field emission scanning electron microscopy and Raman spectroscopy. <i>International Journal of Pharmaceutics</i> , 2006, 314, 56-62.	5.2	170
13	Electronic coupling in cyano-bridged ruthenium polypyridine complexes and role of electronic effects on cyanide stretching frequencies. <i>Inorganic Chemistry</i> , 1992, 31, 5260-5267.	4.0	164
14	Analysis of sustained-release tablet film coats using terahertz pulsed imaging. <i>Journal of Controlled Release</i> , 2007, 119, 253-261.	9.9	145
15	Controlled Formation of Heteroleptic [Pd <sub>2</sub> (L <sub>a</sub> ) <sub>2</sub> (L <sub>b</sub> ) <sub>2</sub> ] <sup>4+</sup> Cages. <i>Journal of the American Chemical Society</i> , 2016, 138, 10578-10585.	13.7	142
16	Synthesis and Characterization of a Multicomponent Rhenium(I) Complex for Application as an OLED Dopant. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2582-2584.	13.8	136
17	Raman mapping of pharmaceuticals. <i>International Journal of Pharmaceutics</i> , 2011, 417, 151-162.	5.2	136
18	Characterization of Temperature-Induced Phase Transitions in Five Polymorphic Forms of Sulfathiazole by Terahertz Pulsed Spectroscopy and Differential Scanning Calorimetry. <i>Journal of Pharmaceutical Sciences</i> , 2006, 95, 2486-2498.	3.3	126

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19	Investigation of properties and recrystallisation behaviour of amorphous indomethacin samples prepared by different methods. <i>International Journal of Pharmaceutics</i> , 2011, 417, 94-100.	5.2	124
20	Correlating thermodynamic and kinetic parameters with amorphous stability. <i>European Journal of Pharmaceutical Sciences</i> , 2009, 37, 492-498.	4.0	123
21	Non-destructive quantification of pharmaceutical tablet coatings using terahertz pulsed imaging and optical coherence tomography. <i>Optics and Lasers in Engineering</i> , 2011, 49, 361-365.	3.8	120
22	Indomethacin: New Polymorphs of an Old Drug. <i>Molecular Pharmaceutics</i> , 2013, 10, 4472-4480.	4.6	120
23	Click™ to functionalise: synthesis, characterisation and enhancement of the physical properties of a series of exo- and endo-functionalised Pd <sub>2</sub> L <sub>4</sub> nanocages. <i>Chemical Science</i> , 2014, 5, 1833-1843.	7.4	117
24	In situ infrared spectroscopic analysis of the adsorption of ruthenium(II) bipyridyl dicarboxylic acid photosensitisers to TiO <sub>2</sub> in aqueous solutions. <i>Chemical Physics Letters</i> , 1997, 266, 451-455.	2.6	111
25	Palladium(II) Complexes of Readily Functionalized Bidentate 2-Pyridyl-1,2,3-triazole Click-Ligands: A Synthetic, Structural, Spectroscopic, and Computational Study. <i>Inorganic Chemistry</i> , 2011, 50, 6334-6346.	4.0	111
26	A Non-nuclear Heterometallic Pd <sub>3</sub> Pt <sub>6</sub> Donut-Shaped Cage: Molecular Recognition and Photocatalysis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8659-8663.	13.8	106
27	Screening for differences in the amorphous state of indomethacin using multivariate visualization. <i>European Journal of Pharmaceutical Sciences</i> , 2007, 30, 113-123.	4.0	101
28	Raman spectroscopic quantification of milk powder constituents. <i>Analytica Chimica Acta</i> , 2010, 673, 26-32.	5.4	101
29	Characterizing the conversion kinetics of carbamazepine polymorphs to the dihydrate in aqueous suspension using Raman spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 40, 271-280.	2.8	99
30	Raman imaging of drug delivery systems. <i>Advanced Drug Delivery Reviews</i> , 2015, 89, 21-41.	13.7	97
31	A theoretical and spectroscopic study of co-amorphous naproxen and indomethacin. <i>International Journal of Pharmaceutics</i> , 2013, 453, 80-87.	5.2	95
32	Quantitative analysis of polymorphic mixtures of ranitidine hydrochloride by Raman spectroscopy and principal components analysis. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2002, 54, 337-341.	4.3	94
33	Complexes of Functionalized Dipyrido[3,2-a:3',3'-c]-phenazine: A Synthetic, Spectroscopic, Structural, and Density Functional Theory Study. <i>Inorganic Chemistry</i> , 2005, 44, 3551-3560.	4.0	94
34	Injection Limitations in a Series of Porphyrin Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2010, 114, 3276-3279.	3.1	94
35	Broadband Ultrafast Photoluminescence Spectroscopy Resolves Charge Photogeneration via Delocalized Hot Excitons in Polymer:Fullerene Photovoltaic Blends. <i>Journal of the American Chemical Society</i> , 2013, 135, 18502-18512.	13.7	93
36	Perspectives in the use of spectroscopy to characterise pharmaceutical solids. <i>International Journal of Pharmaceutics</i> , 2008, 364, 159-169.	5.2	90

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37	Composition of bovine milk fat globules by confocal Raman microscopy. <i>International Dairy Journal</i> , 2011, 21, 402-412.	3.0	88
38	Temperature dependent terahertz pulsed spectroscopy of carbamazepine. <i>Thermochimica Acta</i> , 2005, 436, 71-77.	2.7	85
39	Physicochemical Properties and Stability of Two Differently Prepared Amorphous Forms of Simvastatin. <i>Crystal Growth and Design</i> , 2008, 8, 128-135.	3.0	85
40	Understanding the solid-state forms of fenofibrate – A spectroscopic and computational study. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 71, 100-108.	4.3	85
41	Comparison of Inverse and Regular 2-Pyridyl-1,2,3-triazole –Click–Complexes: Structures, Stability, Electrochemical, and Photophysical Properties. <i>Inorganic Chemistry</i> , 2015, 54, 1572-1587.	4.0	85
42	Applications of terahertz pulsed imaging to sustained-release tablet film coating quality assessment and dissolution performance. <i>Journal of Controlled Release</i> , 2008, 127, 79-87.	9.9	81
43	Dithienothiophene (DTT)-Based Dyes for Dye-Sensitized Solar Cells: Synthesis of 2,6-Dibromo-DTT. <i>Journal of Organic Chemistry</i> , 2011, 76, 4088-4093.	3.2	81
44	Chemical and structural characterisation of almond oil bodies and bovine milk fat globules. <i>Food Chemistry</i> , 2012, 132, 1996-2006.	8.2	79
45	Re-examining the chemical evaluation of diagenesis in human bone apatite. <i>Journal of Archaeological Science</i> , 2011, 38, 2222-2230.	2.4	77
46	Recent pharmaceutical applications of raman and terahertz spectroscopies. <i>Journal of Pharmaceutical Sciences</i> , 2008, 97, 4598-4621.	3.3	75
47	Spectroscopic and electrochemical studies of a series of copper(I) and rhenium(I) complexes with substituted dipyrido[3,2-a:2',3'-c]phenazine ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 609-616.	1.1	73
48	Understanding excited-state structure in metal polypyridyl complexes using resonance Raman excitation profiles, time-resolved resonance Raman spectroscopy and density functional theory. <i>Coordination Chemistry Reviews</i> , 2010, 254, 2505-2518.	18.8	72
49	A DFT study of the optical properties of substituted Zn(II)TPP complexes. <i>Computational and Theoretical Chemistry</i> , 2006, 759, 17-24.	1.5	71
50	A spectroscopic and DFT study of thiophene-substituted metalloporphyrins as dye-sensitized solar cell dyes. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 5598.	2.8	71
51	Raman spectroscopy of fossil bioapatite – A proxy for diagenetic alteration of the oxygen isotope composition. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 310, 62-70.	2.3	69
52	Quantitative analysis of polymorphic mixtures of carbamazepine by Raman spectroscopy and principal components analysis. <i>Journal of Raman Spectroscopy</i> , 2004, 35, 347-352.	2.5	68
53	A theoretical and spectroscopic study of $\hat{1}^3$ -crystalline and amorphous indometacin. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 59, 261-269.	2.4	68
54	Application of transient infrared spectroscopy to intramolecular energy transfer in $[(\text{phen})(\text{CO})_3\text{Re}(\text{NC})\text{Ru}(\text{CN})(\text{bpy})_2]^+$ . <i>Journal of the American Chemical Society</i> , 1993, 115, 10996-10997.	13.7	67

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55	Photoexcitation in Cu(I) and Re(I) Complexes Containing Substituted Dipyrido[3,2-a:2',3'-c]phenazine: A Spectroscopic and Density Functional Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2005, 109, 5933-5942.	2.5	67
56	Spectroscopic and Density Functional Theory Studies of 1,10-Phenanthroline, Its Radical Anion, and [Cu(Phen)(PPh <sub>3</sub> ) <sub>2</sub> ] <sup>+</sup> . <i>Journal of Physical Chemistry A</i> , 2004, 108, 2536-2544.	2.5	65
57	Rhenium(I) complexes of readily functionalized bidentate pyridyl-1,2,3-triazole $\kappa^2$ -ligands: A systematic synthetic, spectroscopic and computational study. <i>Polyhedron</i> , 2013, 52, 1391-1398.	2.2	65
58	Terahertz pulsed imaging as an analytical tool for sustained-release tablet film coating. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 71, 117-123.	4.3	64
59	Synthetic shorelines in New Zealand? Quantification and characterisation of microplastic pollution on Canterbury's coastlines. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2016, 50, 317-325.	2.0	63
60	Time-resolved resonance Raman spectroscopy of bis(2,9-dimethyl-1,10-phenanthroline)copper(1+) in solution. <i>Inorganic Chemistry</i> , 1991, 30, 2986-2989.	4.0	62
61	Intraligand Charge-Transfer Excited States in Re(I) Complexes with Donor-Substituted Dipyridophenazine Ligands. <i>Inorganic Chemistry</i> , 2014, 53, 1339-1354.	4.0	61
62	Effect of Sulfur-Based Substituents on the Electronic Properties of Re(I) dppz Complexes. <i>Inorganic Chemistry</i> , 2010, 49, 5180-5189.	4.0	60
63	<i>fac</i> -Re(CO) <sub>3</sub> Cl Complexes of [2-(4-R-1H-1,2,3-Triazol-1-yl)methyl]pyridine Inverse $\kappa^2$ -Ligands: A Systematic Synthetic, Spectroscopic, and Computational Study. <i>Organometallics</i> , 2013, 32, 788-797.	2.3	60
64	Self-assembled palladium(II) $\kappa^2$ -cages: synthesis, structural modification and stability. <i>Dalton Transactions</i> , 2011, 40, 12117.	3.3	59
65	Excited States of Ru(II) and Re(I) Bipyridyl Complexes Attached to Cyclotriphosphazenes: A Synthetic, Spectroscopic, and Computational Study. <i>Inorganic Chemistry</i> , 2010, 49, 4073-4083.	4.0	58
66	Influence of Polymorphic Form, Morphology, and Excipient Interactions on the Dissolution of Carbamazepine Compacts. <i>Journal of Pharmaceutical Sciences</i> , 2007, 96, 584-594.	3.3	57
67	Theoretical and Spectroscopic Study of a Series of Styryl-Substituted Terthiophenes. <i>Journal of Physical Chemistry A</i> , 2003, 107, 11505-11516.	2.5	56
68	A rapid, non-destructive method of detecting diagenetic alteration in fossil bone using Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2007, 38, 1533-1537.	2.5	56
69	Spatial confinement can lead to increased stability of amorphous indomethacin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 81, 418-425.	4.3	54
70	Effects of Teriparatide and Vibration on Bone Mass and Bone Strength in People with Bone Loss and Spinal Cord Injury: A Randomized, Controlled Trial. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 1729-1740.	2.8	54
71	Effects of film coating thickness and drug layer uniformity on in vitro drug release from sustained-release coated pellets: A case study using terahertz pulsed imaging. <i>International Journal of Pharmaceutics</i> , 2009, 382, 151-159.	5.2	53
72	The influence of various excipients on the conversion kinetics of carbamazepine polymorphs in aqueous suspension. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 59, 193-201.	2.4	53

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73	Investigation of the Formation Process of Two Piracetam Cocrystals during Grinding. <i>Pharmaceutics</i> , 2011, 3, 706-722.	4.5	53
74	Heteroleptic Cu(I) Bis-diimine Complexes of 6,6'-Dimesityl-2,2'-bipyridine: A Structural, Theoretical and Spectroscopic Study. <i>Inorganic Chemistry</i> , 2013, 52, 2980-2992.	4.0	53
75	Visualizing the conversion of carbamazepine in aqueous suspension with and without the presence of excipients: A single crystal study using SEM and Raman microscopy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2006, 64, 326-335.	4.3	52
76	Luminescent Cages: Pendant Emissive Units on [Pd <sub>2</sub> L <sub>4</sub> ] <sup>4+</sup> "Click" Cages. <i>Inorganic Chemistry</i> , 2016, 55, 3440-3447.	4.0	52
77	Spectroelectrochemical studies and excited-state resonance-Raman spectroscopy of some mononuclear rhenium(I) polypyridyl bridging ligand complexes. Crystal structure determination of tricarbonylchloro[2,3-di(2-pyridyl)quinoxaline]rhenium(I). <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, 185-192.	1.1	50
78	Complete Family of Mono-, Bi-, and Trinuclear Re <sup>I</sup> (CO) <sub>3</sub> Cl Complexes of the Bridging Polypyridyl Ligand 2,3,8,9,14,15-Hexamethyl-5,6,11,12,17,18-hexaazatrinaphthalene: Syn/Anti Isomer Separation, Characterization, and Photophysics. <i>Inorganic Chemistry</i> , 2011, 50, 6093-6106.	4.0	50
79	Chemically and electrochemically induced expansion and contraction of a ferrocene rotor. <i>Chemical Communications</i> , 2015, 51, 8161-8164.	4.1	49
80	Dramatic Alteration of <sup>3</sup> ILCT Lifetimes Using Ancillary Ligands in [Re(L)(CO) <sub>3</sub> (phen-TPA)] <sup>n+</sup> Complexes: An Integrated Spectroscopic and Theoretical Study. <i>Journal of the American Chemical Society</i> , 2018, 140, 4534-4542.	13.7	49
81	Moving Droplets in 3D Using Light. <i>Advanced Materials</i> , 2018, 30, e1801821.	21.0	49
82	Solid-State Transition Mechanism in Carbamazepine Polymorphs by Time-Resolved Terahertz Spectroscopy. <i>ChemPhysChem</i> , 2007, 8, 1924-1927.	2.1	48
83	A Synthetic, Structural, Spectroscopic and DFT study of Re <sup>I</sup> , Cu <sup>I</sup> , Ru <sup>II</sup> and Ir <sup>III</sup> Complexes Containing Functionalised Dipyrido[3,2-a:2',3'-c]phenazine (dppz). <i>Chemistry - A European Journal</i> , 2008, 14, 11573-11583.	3.3	48
84	Effect of Parathyroid Hormone Combined With Gait Training on Bone Density and Bone Architecture in People With Chronic Spinal Cord Injury. <i>PM and R</i> , 2013, 5, 663-671.	1.6	48
85	Recent advances in low-frequency Raman spectroscopy for pharmaceutical applications. <i>International Journal of Pharmaceutics</i> , 2021, 592, 120034.	5.2	48
86	Enhanced Raman scattering from liquid metal films formed from silver sols. <i>The Journal of Physical Chemistry</i> , 1989, 93, 6814-6817.	2.9	47
87	Red electroluminescence from transparent PVK-dye films based on dipyrido[3,2-a:2',3'-c]phenazine and Re(CO) <sub>3</sub> Cl-dipyrido[3,2-a:2',3'-c]phenazine dyes. <i>Chemical Physics Letters</i> , 2004, 383, 292-296.	2.6	47
88	Tuning from <sup>1</sup> ππ* to Charge-Transfer Excited States in Styryl-Substituted Terthiophenes: An Ultrafast and Steady-State Emission Study. <i>Journal of Physical Chemistry A</i> , 2006, 110, 7696-7702.	2.5	47
89	Quantitative Raman Spectroscopy for the Analysis of Carrot Bioactives. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 2701-2708.	5.2	46
90	Benzo[1,2,5]thiadiazole Donor-Acceptor Dyes: A Synthetic, Spectroscopic, and Computational Study. <i>Journal of Physical Chemistry A</i> , 2016, 120, 1853-1866.	2.5	46

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91	Ultrafast dynamics in Cu(I)bisdiimine complexes from resonance Raman intensities. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 1556-1567.	2.5	45
92	Terahertz pulsed imaging as an advanced characterisation tool for film coatingsâ€”A review. <i>International Journal of Pharmaceutics</i> , 2013, 457, 510-520.	5.2	45
93	Use of low-frequency Raman spectroscopy and chemometrics for the quantification of crystallinity in amorphous griseofulvin tablets. <i>Vibrational Spectroscopy</i> , 2015, 77, 10-16.	2.2	45
94	Raman imaging processed cheese and its components. <i>Journal of Raman Spectroscopy</i> , 2017, 48, 374-383.	2.5	45
95	Influence of sample characteristics on quantification of carbamazepine hydrate formation by X-ray powder diffraction and Raman spectroscopy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007, 66, 466-474.	4.3	43
96	fac-Re(CO) <sub>3</sub> complexes of 2,6-bis(4-substituted-1,2,3-triazol-1-ylmethyl)pyridine â€œclickâ€”ligands: synthesis, characterisation and photophysical properties. <i>Dalton Transactions</i> , 2012, 41, 14625.	3.3	43
97	Quantification of binary polymorphic mixtures of ranitidine hydrochloride using NIR spectroscopy. <i>Vibrational Spectroscopy</i> , 2006, 41, 225-231.	2.2	42
98	Monitoring the Film Coating Unit Operation and Predicting Drug Dissolution Using Terahertz Pulsed Imaging. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 4866-4876.	3.3	42
99	â€œTailâ€”Tuning of Iron(II) Spin Crossover Temperature by 100 K. <i>Inorganic Chemistry</i> , 2015, 54, 2902-2909.	4.0	42
100	Application of terahertz pulsed imaging to analyse film coating characteristics of sustained-release coated pellets. <i>International Journal of Pharmaceutics</i> , 2013, 457, 521-526.	5.2	41
101	Electronic absorption, resonance Raman and excited-state resonance Raman spectroscopy of rhenium(I) and copper(I) complexes, with substituted dipyrido[3,2-a : 2â€²,3â€²-c]phenazine ligands, and their electron reduced products. <i>Journal of Raman Spectroscopy</i> , 2000, 31, 243-253.	2.5	40
102	A Spectroscopic and DFT Study of the Electronic Properties of Carbazole-Based Dâ€”A Type Copolymers. <i>Journal of Physical Chemistry C</i> , 2012, 116, 21255-21266.	3.1	40
103	Fluorescence-suppressed time-resolved Raman spectroscopy of pharmaceuticals using complementary metal-oxide semiconductor (CMOS) single-photon avalanche diode (SPAD) detector. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 761-774.	3.7	40
104	Synthesis, reactivity and spectroscopy of ferrocene-functionalised porphyrins, with a conjugated connection between the ferrocene and the porphyrin core. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 3349-3354.	1.1	39
105	Linker Conjugation Effects in Rhenium(I) Bifunctional Holeâ€”Transport/Emitter Molecules. <i>Chemistry - A European Journal</i> , 2009, 15, 3682-3690.	3.3	39
106	Tuning the Rainbow: Systematic Modulation of Donorâ€”Acceptor Systems through Donor Substituents and Solvent. <i>Inorganic Chemistry</i> , 2016, 55, 8446-8458.	4.0	39
107	Raman Spectroscopy of Fish Oil Capsules: Polyunsaturated Fatty Acid Quantitation Plus Detection of Ethyl Esters and Oxidation. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3551-3558.	5.2	39
108	Control of locomotor stability in stabilizing and destabilizing environments. <i>Gait and Posture</i> , 2017, 55, 191-198.	1.4	39



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109	A Nonanuclear Heterometallic Pd <sub>3</sub> Pt <sub>6</sub> Donut-Shaped Cage: Molecular Recognition and Photocatalysis. <i>Angewandte Chemie</i> , 2018, 130, 8795-8799.	2.0	39
110	A theoretical and spectroscopic study of carbamazepine polymorphs. <i>Journal of Raman Spectroscopy</i> , 2004, 35, 401-408.	2.5	38
111	Quantification of Process Induced Disorder in Milled Samples Using Different Analytical Techniques. <i>Pharmaceutics</i> , 2010, 2, 30-49.	4.5	38
112	Spectroscopic and computational study of $\beta$ -ethynylphenylene substituted zinc and free-base porphyrins. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 1597-1605.	2.8	38
113	Effect of different preparation methods on the dissolution behaviour of amorphous indomethacin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 80, 459-464.	4.3	38
114	Design and engineering of water-soluble light-harvesting protein maquettes. <i>Chemical Science</i> , 2017, 8, 316-324.	7.4	38
115	Ultrafast Time-Resolved UV-Visible and Infrared Absorption Spectroscopy of Binuclear Rhenium(II) Polypyridyl Complexes in Solution. <i>Journal of Physical Chemistry A</i> , 1998, 102, 1252-1260.	2.5	37
116	Electroluminescence of ruthenium(II)(4,7-diphenyl-1,10-phenanthroline) <sub>3</sub> from charge trapping by doping in carrier-transporting blend films. <i>Chemical Physics Letters</i> , 2004, 385, 481-485.	2.6	37
117	Testing Computational Models of Hyperpolarizability in a Merocyanine Dye Using Spectroscopic and DFT Methods. <i>Journal of Physical Chemistry A</i> , 2012, 116, 5453-5463.	2.5	37
118	Methylated Re( $\kappa^3$ ) tetrazolato complexes: photophysical properties and Light Emitting Devices. <i>Dalton Transactions</i> , 2015, 44, 8379-8393.	3.3	37
119	Effect of Bridge Alteration on Ground- and Excited-State Properties of Ruthenium(II) Complexes with Electron-Donor-Substituted Dipyrido[3,2- <i>a</i> :1',2'- <i>c</i> ]phenazine Ligands. <i>Inorganic Chemistry</i> , 2016, 55, 11170-11184.	4.0	37
120	Stability-maneuverability trade-offs during lateral steps. <i>Gait and Posture</i> , 2017, 52, 171-177.	1.4	37
121	Direct comparison of low- and mid-frequency Raman spectroscopy for quantitative solid-state pharmaceutical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 149, 343-350.	2.8	37
122	Single- and two-color pulsed laser resonance Raman spectroscopy of excited states of bis(2,9-dimethyl-1,10-phenanthroline)copper(I) in solution. <i>Inorganic Chemistry</i> , 1988, 27, 4003-4006.	4.0	35
123	Bis(ferrocenyl)porphyrins. Compounds with strong long-range metal-metal coupling. <i>Chemical Communications</i> , 1999, , 637-638.	4.1	35
124	Organic light emitting devices based on exciplex interaction from blends of charge transport molecules. <i>Chemical Physics Letters</i> , 2003, 375, 649-654.	2.6	35
125	A study of the factors influencing the performance of ternary MEH-PPV:porphyrin:PCBM heterojunction devices: A steric approach to controlling charge recombination. <i>Solar Energy Materials and Solar Cells</i> , 2011, 95, 1767-1774.	6.2	34
126	Synthesis, Characterization, and Photophysics of Oxadiazole- and Diphenylaniline-Substituted Re(II) and Cu(I) Complexes. <i>Inorganic Chemistry</i> , 2013, 52, 1304-1317.	4.0	34



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127	General and Specific Strategies Used to Facilitate Locomotor Maneuvers. <i>PLoS ONE</i> , 2015, 10, e0132707.	2.5	34
128	Vibrational Spectra of Dipyrido[3,2-a:2'â€²,3'â€²-c]phenazine and Its Radical Anion Analyzed by Ab Initio Calculations and Deuteration Studies. <i>Bulletin of the Chemical Society of Japan</i> , 2002, 75, 933-942.	3.2	33
129	Excited state vibrational spectroscopy of metal complexes of dipyrido[3,2-a:2'â€²,3'â€²-c]phenazine. <i>Inorganica Chimica Acta</i> , 2011, 374, 10-18.	2.4	33
130	Vibrational spectroscopy as a probe of molecule-based devices. <i>Chemical Society Reviews</i> , 2012, 41, 1929-1946.	38.1	33
131	Revisiting the Thermodynamic Stability of Indomethacin Polymorphs with Low-Frequency Vibrational Spectroscopy and Quantum Mechanical Simulations. <i>Crystal Growth and Design</i> , 2018, 18, 6513-6520.	3.0	33
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