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	Evaluation of crystallinity in carbon fiberâ€reinforced poly(ether ether ketone) by using infrared low frequency Raman spectroscopy. Journal of Applied Polymer Science, 2022, 139, 51677.	2.6	2
2	Detection of structural degradation of porcine bone in different marine environments with Raman spectroscopy combined with chemometrics. Journal of Raman Spectroscopy, 2022, 53, 82-94.	2.5	3
3	Optimization of methionine in inhalable High-dose Spray-dried amorphous composite particles using response surface Method, infrared and low frequency Raman spectroscopy. International Journal of Pharmaceutics, 2022, 614, 121446.	5.2	3
4	Elucidating the Dehydration Mechanism of Nitrofurantoin Monohydrate II Using Low-Frequency Raman Spectroscopy. Crystal Growth and Design, 2022, 22, 2733-2741.	3.0	5
5	Crystallographic orientation mapping of lizardite serpentinite by Raman spectroscopy. European Journal of Mineralogy, 2022, 34, 285-300.	1.3	5
6	Low- versus Mid-frequency Raman Spectroscopy for in Situ Analysis of Crystallization in Slurries. Molecular Pharmaceutics, 2022, 19, 2316-2326.	4.6	3
7	Amino acids improve aerosolization and chemical stability of potential inhalable amorphous Spray-dried ceftazidime for Pseudomonas aeruginosa lung infection. International Journal of Pharmaceutics, 2022, 621, 121799.	5.2	8
8	Low-Frequency Raman Spectroscopy as an Avenue to Determine the Transition Temperature of Î²- and Î³-Relaxation in Pharmaceutical Glasses. Analytical Chemistry, 2022, 94, 8241-8248.	6.5	4
9	An expert opinion on respiratory delivery of high dose powders for lung infections. Expert Opinion on Drug Delivery, 2022, 19, 795-813.	5.0	4
10	Rapid Quantitation of Adulterants in Premium Marine Oils by Raman and IR Spectroscopy: A Data Fusion Approach. Molecules, 2022, 27, 4534.	3.8	8
11	Diagnostics of skin features through 3D skin mapping based on electro-controlled deposition of conducting polymers onto metal-sebum modified surfaces and their possible applications in skin treatment. Analytica Chimica Acta, 2021, 1142, 84-98.	5.4	0
12	Rapid discrimination of intact beef, venison and lamb meat using Raman spectroscopy. Food Chemistry, 2021, 343, 128441.	8.2	31
13	Qualitative and quantitative vibrational spectroscopic analysis of macronutrients in breast milk. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 246, 118982.	3.9	11
14	Carbazole-substituted dialkoxybenzodithiophene dyes for efficient light harvesting and the effect of alkoxy tail length. Dyes and Pigments, 2021, 186, 109002.	3.7	9
15	Recent advances in low-frequency Raman spectroscopy for pharmaceutical applications. International Journal of Pharmaceutics, 2021, 592, 120034.	5.2	48
16	Post-Stroke Adaptation of Lateral Foot Placement Coordination in Variable Environments. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 731-739.	4.9	0
17	Monitoring the Isothermal Dehydration of Crystalline Hydrates Using Low-Frequency Raman Spectroscopy. Molecular Pharmaceutics, 2021, 18, 1264-1276.	4.6	12
18	Insights into the charge-transfer character of electronic transitions in^RCp₂Ti(C₂Fc)₂complexes using solvatochromism, resonance Raman spectroscopy, and TDDFT. Dalton Transactions, 2021, 50, 2233-2242.	3.3	5

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19	Combined Effect of the Preparation Method and Compression on the Physical Stability and Dissolution Behavior of Melt-Quenched Amorphous Celecoxib. Molecular Pharmaceutics, 2021, 18, 1408-1418.	4.6	6
20	A New Frontier for Nondestructive Spatial Analysis of Pharmaceutical Solid Dosage Forms: Spatially Offset Low-Frequency Raman Spectroscopy. Analytical Chemistry, 2021, 93, 3698-3705.	6.5	14
21	Potential of Raman spectroscopy in facilitating pharmaceutical formulations development â€“ An AI perspective. International Journal of Pharmaceutics, 2021, 597, 120334.	5.2	9
22	Raman and Infrared Spectroscopic Data Fusion Strategies for Rapid, Multicomponent Quantitation of Krill Oil Compositions. ACS Food Science & Technology, 2021, 1, 570-578.	2.7	10
23	Meaningful measurements of maneuvers: People with incomplete spinal cord injury â€˜step upâ€™ to the challenges of altered stability requirements. Journal of NeuroEngineering and Rehabilitation, 2021, 18, 46.	4.6	7
24	Can Coupling Multiple Complementary Methods Improve the Spectroscopic Based Diagnosis of Gastrointestinal Illnesses? A Proof of Principle Ex Vivo Study Using Celiac Disease as the Model Illness. Analytical Chemistry, 2021, 93, 6363-6374.	6.5	6
25	Molecular monitoring of glioblastomaâ€™s immunogenicity using a combination of Raman spectroscopy and chemometrics. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 252, 119534.	3.9	10
26	Lake snow caused by the invasive diatom Lindavia intermedia can be discriminated from different sites and from other algae using vibrational spectroscopy. Journal of Raman Spectroscopy, 2021, 52, 2597-2608.	2.5	9
27	Genetic Algorithm for Feature and Latent Variable Selection for Nutrient Assessment in Horticultural Products. , 2021, , .		2
28	Pseudo-3D Subsurface Imaging of Pharmaceutical Solid Dosage Forms Using Micro-spatially Offset Low-Frequency Raman Spectroscopy. Analytical Chemistry, 2021, 93, 8986-8993.	6.5	9
29	A common type of mineralogical banding in serpentine crack-seal veins. Earth and Planetary Science Letters, 2021, 564, 116930.	4.4	7
30	Excited-State Switching in Rhenium(I) Bipyridyl Complexes with Donorâ€“Donor and Donorâ€“Acceptor Substituents. Journal of the American Chemical Society, 2021, 143, 9082-9093.	13.7	19
31	6,6â€²-Ditriphenylamine-2,2â€²-bipyridine: Coordination Chemistry and Electrochemical and Photophysical Properties. Inorganic Chemistry, 2021, 60, 11852-11865.	4.0	3
32	Proposed novel treatment paradigm of aberrant gait and balance kinematics in patients with severe COPD. Respirology, 2021, 26, 914-916.	2.3	0
33	Stabilization Strategies for Fast Walking in Challenging Environments With Incomplete Spinal Cord Injury. Frontiers in Rehabilitation Sciences, 2021, 2, .	1.2	3
34	Investigation on Formulation Strategies to Mitigate Compression-Induced Destabilization in Supersaturated Celecoxib Amorphous Solid Dispersions. Molecular Pharmaceutics, 2021, 18, 3882-3893.	4.6	6
35	Evaluating low- mid- and high-level fusion strategies for combining Raman and infrared spectroscopy for quality assessment of red meat. Food Chemistry, 2021, 361, 130154.	8.2	24
36	Elucidating the resonance Raman spectra of psittacofulvins. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 262, 120146.	3.9	1

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37	Feeding the team: Analysis of a Sprattâ€™s dog cake from Antarctica. Polar Record, 2021, 57, .	0.8	0
38	Transitioning from Intraligand Ï€,Ï€* to Charge-Transfer Excited States Using Thiophene-Based Donorâ€“Acceptor Systems. Inorganic Chemistry, 2021, 60, 130-139.	4.0	10
39	Electroactive Metal Complexes Covalently Attached to Conductive PEDOT Films: A Spectroelectrochemical Study. ACS Applied Materials & Interfaces, 2021, 13, 1301-1313.	8.0	14
40	A Resonance Raman spectroscopic study on charge transfer enhancement in photosensitizers. Materials Today Advances, 2021, 12, 100180.	5.2	1
41	Silver(I)-selective electrodes based on rare earth element double-decker porphyrins. Sensors and Actuators B: Chemical, 2020, 305, 127311.	7.8	25
42	Speed impacts frontal-plane maneuver stability of individuals with incomplete spinal cord injury. Clinical Biomechanics, 2020, 71, 107-114.	1.2	2
43	Polyterthiophenes Crossâ€Linked with Terpyridyl Metal Complexes for Molecular Architecture of Optically and Electrochemically Tunable Materials. ChemElectroChem, 2020, 7, 4453-4459.	3.4	4
44	Perturbation recovery during walking is impacted by knowledge of perturbation timing in below-knee prosthesis users and non-impaired participants. PLoS ONE, 2020, 15, e0235686.	2.5	8
45	Accessing a Long-Lived ³LC State in a Ruthenium(II) Phenanthroline Complex with Appended Aromatic Groups. Inorganic Chemistry, 2020, 59, 16967-16975.	4.0	10
46	A novel Movement Amplification environment reveals effects of controlling lateral centre of mass motion on gait stability and metabolic cost. Royal Society Open Science, 2020, 7, 190889.	2.4	9
47	Solving the Computational Puzzle: Toward a Pragmatic Pathway for Modeling Low-Energy Vibrational Modes of Pharmaceutical Crystals. Crystal Growth and Design, 2020, 20, 6947-6955.	3.0	21
48	Emulating photosynthetic processes with light harvesting synthetic protein (maquette) assemblies on titanium dioxide. Materials Advances, 2020, 1, 1877-1885.	5.4	2
49	Co-Amorphization of Kanamycin with Amino Acids Improves Aerosolization. Pharmaceutics, 2020, 12, 715.	4.5	12
50	Fluorination Position: A Study of the Optoelectronic Properties of Two Regioisomers Using Spectroscopic and Computational Techniques. Journal of Physical Chemistry A, 2020, 124, 7685-7691.	2.5	2
51	Lindavia intermedia (Bacillariophyceae) and Nuisance lake Snow in New Zealand: Chitin Content and Quantitative PCR Methods to Estimate Cell Concentrations and Expression of Chitin Synthase¹. Journal of Phycology, 2020, 56, 1232-1244.	2.3	6
52	Investigation of Ferrocene Linkers in Î²-Substituted Porphyrins. Journal of Physical Chemistry A, 2020, 124, 5513-5522.	2.5	6
53	Vibrational spectroscopy and chemometrics for quantifying key bioactive components of various plum cultivars grown in New Zealand. Journal of Raman Spectroscopy, 2020, 51, 1138-1152.	2.5	7
54	Low-Frequency Raman Scattering Spectroscopy as an Accessible Approach to Understand Drug Solubilization in Milk-Based Formulations during Digestion. Molecular Pharmaceutics, 2020, 17, 885-899.	4.6	19

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55	Low-wavenumber Raman spectral database of pharmaceutical excipients. Vibrational Spectroscopy, 2020, 107, 103021.	2.2	14
56	Significant Effect of Electronic Coupling on Electron Transfer between Surface-Bound Porphyrins and Co^{2+/3+} Complex Electrolytes. Journal of Physical Chemistry C, 2020, 124, 9178-9190.	3.1	10
57	Excited-State Switching Frustrates the Tuning of Properties in Triphenylamine-Donor-Ligand Rhenium(I) and Platinum(II) Complexes. Inorganic Chemistry, 2020, 59, 6736-6746.	4.0	16
58	Reliability and Validity of the Functional Gait Assessment in Incomplete Spinal Cord Injury. Topics in Spinal Cord Injury Rehabilitation, 2020, 26, 268-274.	1.8	7
59	Special Issue â€œRaman Spectroscopy: A Spectroscopic â€˜Swiss-Army Knifeâ€™â€• Molecules, 2019, 24, 2852.	3.8	0
60	American Society of Biomechanics Journal of Biomechanics Award 2018: Adaptive motor planning of center-of-mass trajectory during goal-directed walking in novel environments. Journal of Biomechanics, 2019, 94, 5-12.	2.1	16
61	Generation of Microsecond Charge-Separated Excited States in Rhenium(I) Diimine Complexes: Driving Force Is the Dominant Factor in Controlling Lifetime. Inorganic Chemistry, 2019, 58, 9785-9795.	4.0	11
62	Photophysical and biological investigation of phenol substituted rhenium tetrazolato complexes. Dalton Transactions, 2019, 48, 15613-15624.	3.3	8
63	Low-Frequency Raman Spectroscopic Study on Compression-Induced Destabilization in Melt-Quenched Amorphous Celecoxib. Molecular Pharmaceutics, 2019, 16, 3678-3686.	4.6	25
64	Characterization of an Antioxidant and Antimicrobial Extract from Cool Climate, White Grape Marc. Antioxidants, 2019, 8, 232.	5.1	31
65	When â€œDonorâ€“Acceptorâ€•Dyes Delocalize: A Spectroscopic and Computational Study of Dâ€“A Dyes Using â€œMichlerâ€™s Baseâ€• Journal of Physical Chemistry A, 2019, 123, 5957-5968.	2.5	7
66	The internal structure and composition of a plate-boundary-scale serpentinite shear zone: the Livingstone Fault, New Zealand. Solid Earth, 2019, 10, 1025-1047.	2.8	15
67	Long-lived MLCT states for Ru(<scp>ii</scp>) complexes of ferrocene-appended 2,2â€²-bipyridines. Dalton Transactions, 2019, 48, 15713-15722.	3.3	9
68	Application of lowâ€wavenumber Raman spectroscopy to the analysis of human teeth. Journal of Raman Spectroscopy, 2019, 50, 1375-1387.	2.5	20
69	Application of Low-Frequency Raman Scattering Spectroscopy to Probe in Situ Drug Solubilization in Milk during Digestion. Journal of Physical Chemistry Letters, 2019, 10, 2258-2263.	4.6	16
70	Triphenylamine-substituted 2-pyridyl-1,2,3-triazole copper(I) complexes: an experimental and computational investigation. Journal of Coordination Chemistry, 2019, 72, 1378-1394.	2.2	8
71	High Exciton Diffusion Coefficients in Fused Ring Electron Acceptor Films. Journal of the American Chemical Society, 2019, 141, 6922-6929.	13.7	177
72	Competition-Driven Ligand Exchange for Functionalizing Nanoparticles and Nanoparticle Clusters without Colloidal Destabilization. ACS Applied Nano Materials, 2019, 2, 2230-2240.	5.0	1

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73	Variableâ€Temperature Resonance Raman Studies to Probe Interchain Ordering for Semiconducting Conjugated Polymers with Different Chain Curvature. Chemistry - an Asian Journal, 2019, 14, 1175-1183.	3.3	7
74	Ru II and Ir III Complexes Containing ADA and DAD Triple Hydrogen Bonding Motifs: Potential Tectons for the Assembly of Functional Materials. Chemistry - an Asian Journal, 2019, 14, 1194-1203.	3.3	1
75	A comparison between laboratory and industrial fouling of reverse osmosis membranes used to concentrate milk. Food and Bioproducts Processing, 2019, 114, 113-121.	3.6	9
76	Gait variability following abrupt removal of external stabilization decreases with practice in incomplete spinal cord injury but increases in non-impaired individuals. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 4.	4.6	8
77	Immediate and shortâ€term effects of realâ€time knee adduction moment feedback on the peak and cumulative knee load during walking. Journal of Orthopaedic Research, 2018, 36, 397-404.	2.3	9
78	Computational and Spectroscopic Analysis of Î²-Indandione Modified Zinc Porphyrins. Journal of Physical Chemistry A, 2018, 122, 4448-4456.	2.5	6
79	Metallosupramolecular Architectures Formed with Ferrocene-Linked Bis-Bidentate Ligands: Synthesis, Structures, and Electrochemical Studies. Inorganic Chemistry, 2018, 57, 3602-3614.	4.0	30
80	Dramatic Alteration of ³ILCT Lifetimes Using Ancillary Ligands in [Re(L)(CO)₃(phen-TPA)]ⁿ⁺ Complexes: An Integrated Spectroscopic and Theoretical Study. Journal of the American Chemical Society, 2018, 140, 4534-4542.	13.7	49
81	Manipulating post-stroke gait: Exploiting aberrant kinematics. Journal of Biomechanics, 2018, 67, 129-136.	2.1	11
82	Direct comparison of low- and mid-frequency Raman spectroscopy for quantitative solid-state pharmaceutical analysis. Journal of Pharmaceutical and Biomedical Analysis, 2018, 149, 343-350.	2.8	37
83	Submicron Raman spectroscopy mapping of serpentinite fault rocks. Journal of Raman Spectroscopy, 2018, 49, 279-286.	2.5	28
84	Revisiting the Thermodynamic Stability of Indomethacin Polymorphs with Low-Frequency Vibrational Spectroscopy and Quantum Mechanical Simulations. Crystal Growth and Design, 2018, 18, 6513-6520.	3.0	33
85	Synthesis and Light-Induced Actuation of Photo-Labile 2-Pyridyl-1,2,3-Triazole Ru(bis-bipyridyl) Appended Ferrocene Rotors. Molecules, 2018, 23, 2037.	3.8	7
86	Distinguishing the Raman spectrum of polygonal serpentine. Journal of Raman Spectroscopy, 2018, 49, 1978-1984.	2.5	22
87	Frequency dispersion reveals chromophore diversity and colour-tuning mechanism in parrotÂfeathers. Royal Society Open Science, 2018, 5, 172010.	2.4	8
88	Probing charge transfer characteristics in a donorâ€“acceptor metalâ€“organic framework by Raman spectroelectrochemistry and pressure-dependence studies. Physical Chemistry Chemical Physics, 2018, 20, 25772-25779.	2.8	28
89	A Nonaâ€nuclear Heterometallic Pd₃Pt₆ â€œDonutâ€â€Shaped Cage: Molecular Recognition and Photocatalysis. Angewandte Chemie - International Edition, 2018, 57, 8659-8663.	13.8	106
90	Walking the Emission Tightrope: Spectral and Computational Analysis of Some Dual-Emitting Benzothiadiazole Donorâ€“Acceptor Dyes. Journal of Physical Chemistry A, 2018, 122, 7991-8006.	2.5	14

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91	Moving Droplets in 3D Using Light. Advanced Materials, 2018, 30, e1801821.	21.0	49
92	Modulation of Donor-Acceptor Distance in a Series of Carbazole Push-Pull Dyes; A Spectroscopic and Computational Study. Molecules, 2018, 23, 421.	3.8	10
93	Aldehyde isomers of porphyrin: A spectroscopic and computational study. Journal of Molecular Structure, 2018, 1173, 665-670.	3.6	7
94	Diboron Porphyrins: The Raman Signature of the In-Plane Tetragonal Elongation of the Macrocycle. Journal of Physical Chemistry A, 2018, 122, 5121-5131.	2.5	3
95	Application of terpyridyl ligands to tune the optical and electrochemical properties of a conducting polymer. RSC Advances, 2018, 8, 29505-29512.	3.6	4
96	Effects of Teriparatide and Vibration on Bone Mass and Bone Strength in People with Bone Loss and Spinal Cord Injury: A Randomized, Controlled Trial. Journal of Bone and Mineral Research, 2018, 33, 1729-1740.	2.8	54
97	A Nonaâ€nuclear Heterometallic Pd₃Pt₆ â€œDonutâ€â€Shaped Cage: Molecular Recognition and Photocatalysis. Angewandte Chemie, 2018, 130, 8795-8799.	2.0	39
98	Synthesis and Optical Properties of Unsymmetrically Substituted Triarylamine Hexaazatrinaphthalenes. European Journal of Organic Chemistry, 2017, 2017, 2432-2440.	2.4	16
99	Raman Spectroscopy of Fish Oil Capsules: Polyunsaturated Fatty Acid Quantitation Plus Detection of Ethyl Esters and Oxidation. Journal of Agricultural and Food Chemistry, 2017, 65, 3551-3558.	5.2	39
100	Control of locomotor stability in stabilizing and destabilizing environments. Gait and Posture, 2017, 55, 191-198.	1.4	39
101	Raman microscopic imaging of electrospun fibers made from a polycaprolactone and polyethylene oxide blend. Vibrational Spectroscopy, 2017, 92, 27-34.	2.2	11
102	Flicking the Switch on Donorâ€“Acceptor Interactions in Hexaazatrinaphthalene Dyes: A Spectroscopic and Computational Study. ChemPhotoChem, 2017, 1, 432-441.	3.0	13
103	Stability-maneuverability trade-offs during lateral steps. Gait and Posture, 2017, 52, 171-177.	1.4	37
104	Fast Sampling, Analyses and Chemometrics for Plant Breeding: Bitter Acids, Xanthohumol and Terpenes in Lupulin Glands of Hops (<scp>Humulus lupulus</scp>). Phytochemical Analysis, 2017, 28, 50-57.	2.4	27
105	Light-ageing characteristics of MÄori textiles: Colour, strength and molecular change. Journal of Cultural Heritage, 2017, 24, 60-68.	3.3	14
106	Alteration of Intraligand Donorâ€“Acceptor Interactions Through Torsional Connectivity in Substituted Re-dppz Complexes. Inorganic Chemistry, 2017, 56, 12967-12977.	4.0	16
107	Synthesis and Lightâ€Harvesting Potential of Cyanovinyl Î²â€Substituted Porphyrins and Dyads. European Journal of Organic Chemistry, 2017, 2017, 5750-5762.	2.4	3
108	Conformational aspects of dibenzo-tetroxecin: A structural, Raman spectroscopic and computational study. Journal of Molecular Structure, 2017, 1145, 321-328.	3.6	1

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109	Cyclometallated platinum(ii) and palladium(ii) complexes containing 1,5-diarylbiguanides: synthesis, characterisation and hydrogen bond-directed assembly. CrystEngComm, 2017, 19, 7095-7111.	2.6	7
110	Flicking the Switch on Donorâ€“Acceptor Interactions in Hexaazatrinaphthalene Dyes: A Spectroscopic and Computational Study. ChemPhotoChem, 2017, 1, 426-426.	3.0	0
111	Probing Pharmaceutical Mixtures during Milling: The Potency of Low-Frequency Raman Spectroscopy in Identifying Disorder. Molecular Pharmaceutics, 2017, 14, 4675-4684.	4.6	30
112	No single DFT method can predict Raman cross-sections, frequencies and electronic absorption maxima of oligothiophenes. Synthetic Metals, 2017, 231, 1-6.	3.9	14
113	Raman imaging processed cheese and its components. Journal of Raman Spectroscopy, 2017, 48, 374-383.	2.5	45
114	Design and engineering of water-soluble light-harvesting protein maquettes. Chemical Science, 2017, 8, 316-324.	7.4	38
115	Movement augmentation to evaluate human control of locomotor stability. , 2017, 2017, 66-69.		22
116	A ferrocene based switchable molecular folding ruler. Chemical Communications, 2017, 53, 7628-7631.	4.1	26
117	Synthetic shorelines in New Zealand? Quantification and characterisation of microplastic pollution on Canterbury's coastlines. New Zealand Journal of Marine and Freshwater Research, 2016, 50, 317-325.	2.0	63
118	Salicylic Acid-Based Organic Dyes Acting as the Photosensitizer for Solar Cells. Journal of Nanoscience and Nanotechnology, 2016, 16, 4880-4885.	0.9	3
119	Enhancement of dye regeneration kinetics in dichromophoric porphyrinâ€“carbazole triphenylamine dyes influenced by more exposed radical cation orbitals. Chemical Science, 2016, 7, 3506-3516.	7.4	29
120	Physical Stability of Freeze-Dried Isomalt Diastereomer Mixtures. Pharmaceutical Research, 2016, 33, 1752-1768.	3.5	6
121	Long-Lived Charge Transfer Excited States in HBC-Polypyridyl Complex Hybrids. Inorganic Chemistry, 2016, 55, 4710-4719.	4.0	19
122	Microscopic and infrared spectroscopic comparison of the underwater adhesives produced by germlings of the brown seaweed speciesDurvillaea antarcticaandHormosira banksii. Journal of the Royal Society Interface, 2016, 13, 20151083.	3.4	10
123	Effect of Bridge Alteration on Ground- and Excited-State Properties of Ruthenium(II) Complexes with Electron-Donor-Substituted Dipyrido[3,2-a:2â€²,3â€²-c]phenazine Ligands. Inorganic Chemistry, 2016, 55, 11170-11184.	4.0	37
124	Evolution of Nonmirror Image Fluorescence Spectra in Conjugated Polymers and Oligomers. Journal of Physical Chemistry Letters, 2016, 7, 3307-3312.	4.6	25
125	Tuning the Rainbow: Systematic Modulation of Donorâ€“Acceptor Systems through Donor Substituents and Solvent. Inorganic Chemistry, 2016, 55, 8446-8458.	4.0	39
126	Structural, Electronic, and Computational Studies of Heteroleptic Cu(I) Complexes of 6,6â€²-Dimesityl-2,2â€²-bipyridine with Ferrocene-Appended Ethynyl-2,2â€²-bipyridine Ligands. Inorganic Chemistry, 2016, 55, 8184-8192.	4.0	16

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127	Controlled Formation of Heteroleptic [Pd₂(L_a)₂(L_b)₂]⁴⁺ Cages. Journal of the American Chemical Society, 2016, 138, 10578-10585.	13.7	142
128	Excited States of Triphenylamine-Substituted 2-Pyridyl-1,2,3-triazole Complexes. Inorganic Chemistry, 2016, 55, 12238-12253.	4.0	28
129	A novel modified terpyridine derivative as a model molecule to study kinetic-based optical spectroscopic ion determination methods. Synthetic Metals, 2016, 219, 101-108.	3.9	7
130	Body weight support impacts lateral stability during treadmill walking. Journal of Biomechanics, 2016, 49, 2662-2668.	2.1	26
131	Probing the excited state nature of coordination complexes with blended organic and inorganic chromophores using vibrational spectroscopy. Coordination Chemistry Reviews, 2016, 325, 41-58.	18.8	22
132	Chemical and mechanical properties of snake fangs. Journal of Raman Spectroscopy, 2016, 47, 787-795.	2.5	10
133	Fluorescence-suppressed time-resolved Raman spectroscopy of pharmaceuticals using complementary metal-oxide semiconductor (CMOS) single-photon avalanche diode (SPAD) detector. Analytical and Bioanalytical Chemistry, 2016, 408, 761-774.	3.7	40
134	Rapid Quantitative Determination of Squalene in Shark Liver Oils by Raman and IR Spectroscopy. Lipids, 2016, 51, 139-147.	1.7	25
135	Luminescent Cages: Pendant Emissive Units on [Pd₂L₄]⁴⁺ â€œClickâ€• Cages. Inorganic Chemistry, 2016, 55, 3440-3447.	4.0	52
136	Benzo[c][1,2,5]thiadiazole Donorâ€“Acceptor Dyes: A Synthetic, Spectroscopic, and Computational Study. Journal of Physical Chemistry A, 2016, 120, 1853-1866.	2.5	46
137	Palladium(II) and platinum(II) complexes of ((2-pyridyl)pyrazol-1-ylmethyl)benzoic acids: Synthesis, Solid state characterisation and biological cytotoxicity. Inorganica Chimica Acta, 2016, 446, 41-53.	2.4	9
138	Analytical method development using FTIR-ATR and FT-Raman spectroscopy to assay fructose, sucrose, glucose and dihydroxyacetone, in Leptospermum scoparium nectar. Vibrational Spectroscopy, 2016, 84, 38-43.	2.2	27
139	Nortriketones: Antimicrobial Trimethylated Acylphloroglucinols from Maì...nuka (Leptospermum) Tj ETQq1 1 0.784314 rgBT /Overl	3.0	27
140	Flexible Tuning of Unsaturated Î²â€Substituents on Zn Porphyrins: A Synthetic, Spectroscopic and Computational Study. Chemistry - A European Journal, 2015, 21, 15622-15632.	3.3	9
141	Use of low-frequency Raman spectroscopy and chemometrics for the quantification of crystallinity in amorphous griseofulvin tablets. Vibrational Spectroscopy, 2015, 77, 10-16.	2.2	45
142	Raman imaging of drug delivery systems. Advanced Drug Delivery Reviews, 2015, 89, 21-41.	13.7	97
143	Effects of protonation on the optical and photophysical properties of ReCl(CO)3(dppzâ€“TAA) and [Ru(bpy)2(dppzâ€“TAA)]2+. Inorganica Chimica Acta, 2015, 428, 1-7.	2.4	15
144	Comparison of Inverse and Regular 2-Pyridyl-1,2,3-triazole â€œClickâ€•Complexes: Structures, Stability, Electrochemical, and Photophysical Properties. Inorganic Chemistry, 2015, 54, 1572-1587.	4.0	85

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145	Methylated Re(<scp>i</scp>) tetrazolato complexes: photophysical properties and Light Emitting Devices. Dalton Transactions, 2015, 44, 8379-8393.	3.3	37
146	Evaluation of vibrational spectroscopic methods to identify and quantify multiple adulterants in herbal medicines. Talanta, 2015, 138, 77-85.	5.5	30
147	Dichromophoric Zinc Porphyrins: Filling the Absorption Gap between the Soret and Q Bands. Journal of Physical Chemistry C, 2015, 119, 5350-5363.	3.1	19
148	â€œTailâ€•Tuning of Iron(II) Spin Crossover Temperature by 100 K. Inorganic Chemistry, 2015, 54, 2902-2909.	4.0	42
149	Application of Raman spectroscopy to distinguish adularia and sanidine in drill cuttings from the Ngatamariki Geothermal Field, New Zealand. New Zealand Journal of Geology, and Geophysics, 2015, 58, 66-77.	1.8	4
150	A Dinuclear Platinum(II) N4Py Complex: An Unexpected Coordination Mode For N4Py. Inorganic Chemistry, 2015, 54, 6671-6673.	4.0	21
151	Analysing avian eggshell pigments with Raman spectroscopy. Journal of Experimental Biology, 2015, 218, 2670-4.	1.7	19
152	Hybrid Pyrazolyl-1,2,3-Triazolyl Tripodal Tetraamine Ligands: Click Synthesis and Cobalt(III) Complexes. Australian Journal of Chemistry, 2015, 68, 1160.	0.9	4
153	A Raman spectroscopic study of teeth affected with molarâ€“incisor hypomineralisation. Journal of Raman Spectroscopy, 2015, 46, 202-210.	2.5	17
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