

# Keith E Gordon

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

376  
papers

12,269  
citations

57  
h-index

91  
g-index

401  
ext. papers

13,465  
ext. citations

4.8  
avg, IF

6.42  
L-index

#	Paper	IF	Citations
376	Optimization of Methionine in Inhalable High-dose Spray-dried Amorphous Composite Particles using Response Surface Method, Infrared and Low frequency Raman Spectroscopy.. <i>International Journal of Pharmaceutics</i> , <b>2022</b> , 614, 121446	6.5	0
375	Elucidating the Dehydration Mechanism of Nitrofurantoin Monohydrate II Using Low-Frequency Raman Spectroscopy. <i>Crystal Growth and Design</i> , <b>2022</b> , 22, 2733-2741	3.5	
374	Crystallographic orientation mapping of lizardite serpentinite by Raman spectroscopy. <i>European Journal of Mineralogy</i> , <b>2022</b> , 34, 285-300	2.2	0
373	Amino Acids Improve Aerosolization and Chemical Stability of Potential Inhalable Amorphous Spray-dried Ceftazidime for Pseudomonas aeruginosa Lung Infection.. <i>International Journal of Pharmaceutics</i> , <b>2022</b> , 121799	6.5	0
372	A Resonance Raman spectroscopic study on charge transfer enhancement in photosensitizers. <i>Materials Today Advances</i> , <b>2021</b> , 12, 100180	7.4	0
371	Transitioning from Intraligand $\pi$ to Charge-Transfer Excited States Using Thiophene-Based Donor-Acceptor Systems. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 130-139	5.1	3
370	Electroactive Metal Complexes Covalently Attached to Conductive PEDOT Films: A Spectroelectrochemical Study. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 1301-1313	9.5	5
369	Potential of Raman spectroscopy in facilitating pharmaceutical formulations development - An AI perspective. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 597, 120334	6.5	2
368	Raman and Infrared Spectroscopic Data Fusion Strategies for Rapid, Multicomponent Quantitation of Krill Oil Compositions. <i>ACS Food Science &amp; Technology</i> , <b>2021</b> , 1, 570-578		1
367	Meaningful measurements of maneuvers: People with incomplete spinal cord injury 'step up' to the challenges of altered stability requirements. <i>Journal of NeuroEngineering and Rehabilitation</i> , <b>2021</b> , 18, 46	5.3	1
366	Can Coupling Multiple Complementary Methods Improve the Spectroscopic Based Diagnosis of Gastrointestinal Illnesses? A Proof of Principle Study Using Celiac Disease as the Model Illness. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 6363-6374	7.8	0
365	Molecular monitoring of glioblastoma's immunogenicity using a combination of Raman spectroscopy and chemometrics. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2021</b> , 252, 119534	4.4	2
364	Genetic Algorithm for Feature and Latent Variable Selection for Nutrient Assessment in Horticultural Products <b>2021</b> ,		2
363	Pseudo-3D Subsurface Imaging of Pharmaceutical Solid Dosage Forms Using Micro-spatially Offset Low-Frequency Raman Spectroscopy. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 8986-8993	7.8	1
362	A common type of mineralogical banding in serpentine crack-seal veins. <i>Earth and Planetary Science Letters</i> , <b>2021</b> , 564, 116930	5.3	3
361	Excited-State Switching in Rhenium(I) Bipyridyl Complexes with Donor-Donor and Donor-Acceptor Substituents. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 9082-9093	16.4	6
360	6,6'-Ditriphenylamine-2,2'-bipyridine: Coordination Chemistry and Electrochemical and Photophysical Properties. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 11852-11865	5.1	0

359	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. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1142, 84-98	6.6	
358	Rapid discrimination of intact beef, venison and lamb meat using Raman spectroscopy. <i>Food Chemistry</i> , <b>2021</b> , 343, 128441	8.5	6
357	Qualitative and quantitative vibrational spectroscopic analysis of macronutrients in breast milk. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2021</b> , 246, 118982	4.4	6
356	Carbazole-substituted dialkoxybenzodithiophene dyes for efficient light harvesting and the effect of alkoxy tail length. <i>Dyes and Pigments</i> , <b>2021</b> , 186, 109002	4.6	4
355	Recent advances in low-frequency Raman spectroscopy for pharmaceutical applications. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 592, 120034	6.5	18
354	Post-Stroke Adaptation of Lateral Foot Placement Coordination in Variable Environments. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , <b>2021</b> , 29, 731-739	4.8	
353	Monitoring the Isothermal Dehydration of Crystalline Hydrates Using Low-Frequency Raman Spectroscopy. <i>Molecular Pharmaceutics</i> , <b>2021</b> , 18, 1264-1276	5.6	3
352	Insights into the charge-transfer character of electronic transitions in CpTi(CFc) complexes using solvatochromism, resonance Raman spectroscopy, and TDDFT. <i>Dalton Transactions</i> , <b>2021</b> , 50, 2233-2242 <sup>4</sup>	4.3	2
351	Combined Effect of the Preparation Method and Compression on the Physical Stability and Dissolution Behavior of Melt-Quenched Amorphous Celecoxib. <i>Molecular Pharmaceutics</i> , <b>2021</b> , 18, 1408-1418	5.6	3
350	A New Frontier for Nondestructive Spatial Analysis of Pharmaceutical Solid Dosage Forms: Spatially Offset Low-Frequency Raman Spectroscopy. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 3698-3705	7.8	3
349	Proposed novel treatment paradigm of aberrant gait and balance kinematics in patients with severe COPD. <i>Respirology</i> , <b>2021</b> , 26, 914-916	3.6	
348	Investigation on Formulation Strategies to Mitigate Compression-Induced Destabilization in Supersaturated Celecoxib Amorphous Solid Dispersions. <i>Molecular Pharmaceutics</i> , <b>2021</b> , 18, 3882-3893	5.6	0
347	Evaluating low- mid- and high-level fusion strategies for combining Raman and infrared spectroscopy for quality assessment of red meat. <i>Food Chemistry</i> , <b>2021</b> , 361, 130154	8.5	2
346	Elucidating the resonance Raman spectra of psittacofulvins. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2021</b> , 262, 120146	4.4	0
345	Lindavia intermedia (Bacillariophyceae) and Nuisance lake Snow in New Zealand: Chitin Content and Quantitative PCR Methods to Estimate Cell Concentrations and Expression of Chitin Synthase. <i>Journal of Phycology</i> , <b>2020</b> , 56, 1232-1244	3	3
344	Investigation of Ferrocene Linkers in $\beta$ -Substituted Porphyrins. <i>Journal of Physical Chemistry A</i> , <b>2020</b> , 124, 5513-5522	2.8	5
343	Vibrational spectroscopy and chemometrics for quantifying key bioactive components of various plum cultivars grown in New Zealand. <i>Journal of Raman Spectroscopy</i> , <b>2020</b> , 51, 1138-1152	2.3	4
342	Low-Frequency Raman Scattering Spectroscopy as an Accessible Approach to Understand Drug Solubilization in Milk-Based Formulations during Digestion. <i>Molecular Pharmaceutics</i> , <b>2020</b> , 17, 885-899	5.6	9

341	Low-wavenumber Raman spectral database of pharmaceutical excipients. <i>Vibrational Spectroscopy</i> , <b>2020</b> , 107, 103021	2.1	8
340	Significant Effect of Electronic Coupling on Electron Transfer between Surface-Bound Porphyrins and Co <sup>2+</sup> /3 <sup>+</sup> Complex Electrolytes. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 9178-9190	3.8	4
339	Excited-State Switching Frustrates the Tuning of Properties in Triphenylamine-Donor-Ligand Rhenium(I) and Platinum(II) Complexes. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 6736-6746	5.1	8
338	Reliability and Validity of the Functional Gait Assessment in Incomplete Spinal Cord Injury. <i>Topics in Spinal Cord Injury Rehabilitation</i> , <b>2020</b> , 26, 268-274	1.5	0
337	Silver(I)-selective electrodes based on rare earth element double-decker porphyrins. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 305, 127311	8.5	16
336	Speed impacts frontal-plane maneuver stability of individuals with incomplete spinal cord injury. <i>Clinical Biomechanics</i> , <b>2020</b> , 71, 107-114	2.2	1
335	Polyterthiophenes Cross-Linked with Terpyridyl Metal Complexes for Molecular Architecture of Optically and Electrochemically Tunable Materials. <i>ChemElectroChem</i> , <b>2020</b> , 7, 4453-4459	4.3	3
334	Perturbation recovery during walking is impacted by knowledge of perturbation timing in below-knee prosthesis users and non-impaired participants. <i>PLoS ONE</i> , <b>2020</b> , 15, e0235686	3.7	3
333	Accessing a Long-Lived LC State in a Ruthenium(II) Phenanthroline Complex with Appended Aromatic Groups. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 16967-16975	5.1	2
332	A novel Movement Amplification environment reveals effects of controlling lateral centre of mass motion on gait stability and metabolic cost. <i>Royal Society Open Science</i> , <b>2020</b> , 7, 190889	3.3	2
331	Solving the Computational Puzzle: Toward a Pragmatic Pathway for Modeling Low-Energy Vibrational Modes of Pharmaceutical Crystals. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 6947-6955	3.5	11
330	Emulating photosynthetic processes with light harvesting synthetic protein (maquette) assemblies on titanium dioxide. <i>Materials Advances</i> , <b>2020</b> , 1, 1877-1885	3.3	0
329	Co-Amorphization of Kanamycin with Amino Acids Improves Aerosolization. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	5
328	Fluorination Position: A Study of the Optoelectronic Properties of Two Regioisomers Using Spectroscopic and Computational Techniques. <i>Journal of Physical Chemistry A</i> , <b>2020</b> , 124, 7685-7691	2.8	2
327	Long-lived MLCT states for Ru(II) complexes of ferrocene-appended 2,2'-bipyridines. <i>Dalton Transactions</i> , <b>2019</b> , 48, 15713-15722	4.3	6
326	Application of low-wavenumber Raman spectroscopy to the analysis of human teeth. <i>Journal of Raman Spectroscopy</i> , <b>2019</b> , 50, 1375-1387	2.3	10
325	Application of Low-Frequency Raman Scattering Spectroscopy to Probe in Situ Drug Solubilization in Milk during Digestion. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 2258-2263	6.4	10
324	Triphenylamine-substituted 2-pyridyl-1,2,3-triazole copper(I) complexes: an experimental and computational investigation. <i>Journal of Coordination Chemistry</i> , <b>2019</b> , 72, 1378-1394	1.6	6

323	High Exciton Diffusion Coefficients in Fused Ring Electron Acceptor Films. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 6922-6929	16.4	105
322	Competition-Driven Ligand Exchange for Functionalizing Nanoparticles and Nanoparticle Clusters without Colloidal Destabilization. <i>ACS Applied Nano Materials</i> , <b>2019</b> , 2, 2230-2240	5.6	1
321	American Society of Biomechanics Journal of Biomechanics Award 2018: Adaptive motor planning of center-of-mass trajectory during goal-directed walking in novel environments. <i>Journal of Biomechanics</i> , <b>2019</b> , 94, 5-12	2.9	6
320	Generation of Microsecond Charge-Separated Excited States in Rhenium(I) Diimine Complexes: Driving Force Is the Dominant Factor in Controlling Lifetime. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 9785-9795	5.1	8
319	Photophysical and biological investigation of phenol substituted rhenium tetrazolato complexes. <i>Dalton Transactions</i> , <b>2019</b> , 48, 15613-15624	4.3	7
318	Low-Frequency Raman Spectroscopic Study on Compression-Induced Destabilization in Melt-Quenched Amorphous Celecoxib. <i>Molecular Pharmaceutics</i> , <b>2019</b> , 16, 3678-3686	5.6	14
317	Characterization of an Antioxidant and Antimicrobial Extract from Cool Climate, White Grape Marc. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	21
316	When "Donor-Acceptor" Dyes Delocalize: A Spectroscopic and Computational Study of D-A Dyes Using "Michler's Base". <i>Journal of Physical Chemistry A</i> , <b>2019</b> , 123, 5957-5968	2.8	4
315	The internal structure and composition of a plate-boundary-scale serpentinite shear zone: the Livingstone Fault, New Zealand. <i>Solid Earth</i> , <b>2019</b> , 10, 1025-1047	3.3	9
314	Variable-Temperature Resonance Raman Studies to Probe Interchain Ordering for Semiconducting Conjugated Polymers with Different Chain Curvature. <i>Chemistry - an Asian Journal</i> , <b>2019</b> , 14, 1175-1183	4.5	6
313	Ru and Ir Complexes Containing ADA and DAD Triple Hydrogen Bonding Motifs: Potential Tectons for the Assembly of Functional Materials. <i>Chemistry - an Asian Journal</i> , <b>2019</b> , 14, 1194-1203	4.5	1
312	A comparison between laboratory and industrial fouling of reverse osmosis membranes used to concentrate milk. <i>Food and Bioproducts Processing</i> , <b>2019</b> , 114, 113-121	4.9	4
311	Gait variability following abrupt removal of external stabilization decreases with practice in incomplete spinal cord injury but increases in non-impaired individuals. <i>Journal of NeuroEngineering and Rehabilitation</i> , <b>2019</b> , 16, 4	5.3	5
310	Computational and Spectroscopic Analysis of $\beta$ -Indandione Modified Zinc Porphyrins. <i>Journal of Physical Chemistry A</i> , <b>2018</b> , 122, 4448-4456	2.8	4
309	Metallosupramolecular Architectures Formed with Ferrocene-Linked Bis-Bidentate Ligands: Synthesis, Structures, and Electrochemical Studies. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 3602-3614	5.1	24
308	Dramatic Alteration of ILCT Lifetimes Using Ancillary Ligands in [Re(L)(CO)(phen-TPA)] Complexes: An Integrated Spectroscopic and Theoretical Study. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 4534-4542	16.4	33
307	Walking the Emission Tightrope: Spectral and Computational Analysis of Some Dual-Emitting Benzothiadiazole Donor-Acceptor Dyes. <i>Journal of Physical Chemistry A</i> , <b>2018</b> , 122, 7991-8006	2.8	9
306	Moving Droplets in 3D Using Light. <i>Advanced Materials</i> , <b>2018</b> , 30, e1801821	24	23

305	Modulation of Donor-Acceptor Distance in a Series of Carbazole Push-Pull Dyes; A Spectroscopic and Computational Study. <i>Molecules</i> , <b>2018</b> , 23,	4.8	8
304	Aldehyde isomers of porphyrin: A spectroscopic and computational study. <i>Journal of Molecular Structure</i> , <b>2018</b> , 1173, 665-670	3.4	6
303	Diboron Porphyrins: The Raman Signature of the In-Plane Tetragonal Elongation of the Macrocycle. <i>Journal of Physical Chemistry A</i> , <b>2018</b> , 122, 5121-5131	2.8	3
302	Application of terpyridyl ligands to tune the optical and electrochemical properties of a conducting polymer.. <i>RSC Advances</i> , <b>2018</b> , 8, 29505-29512	3.7	3
301	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> , <b>2018</b> , 33, 1729-1740	6.3	33
300	A Nona-nuclear Heterometallic Pd <sub>3</sub> Pt <sub>6</sub> Donut-Shaped Cage: Molecular Recognition and Photocatalysis. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 8795-8799	3.6	30
299	Immediate and short-term effects of real-time knee adduction moment feedback on the peak and cumulative knee load during walking. <i>Journal of Orthopaedic Research</i> , <b>2018</b> , 36, 397-404	3.8	4
298	Manipulating post-stroke gait: Exploiting aberrant kinematics. <i>Journal of Biomechanics</i> , <b>2018</b> , 67, 129-136.	3.9	8
297	Direct comparison of low- and mid-frequency Raman spectroscopy for quantitative solid-state pharmaceutical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 149, 343-350	3.5	22
296	Submicron Raman spectroscopy mapping of serpentinite fault rocks. <i>Journal of Raman Spectroscopy</i> , <b>2018</b> , 49, 279-286	2.3	19
295	Revisiting the Thermodynamic Stability of Indomethacin Polymorphs with Low-Frequency Vibrational Spectroscopy and Quantum Mechanical Simulations. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 6513-6520	3.5	22
294	Synthesis and Light-Induced Actuation of Photo-Labile 2-Pyridyl-1,2,3-Triazole Ru(bis-bipyridyl) Appended Ferrocene Rotors. <i>Molecules</i> , <b>2018</b> , 23,	4.8	6
293	Distinguishing the Raman spectrum of polygonal serpentine. <i>Journal of Raman Spectroscopy</i> , <b>2018</b> , 49, 1978-1984	2.3	12
292	Frequency dispersion reveals chromophore diversity and colour-tuning mechanism in parrot feathers. <i>Royal Society Open Science</i> , <b>2018</b> , 5, 172010	3.3	8
291	Probing charge transfer characteristics in a donor-acceptor metal-organic framework by Raman spectroelectrochemistry and pressure-dependence studies. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 25772-25779	3.6	19
290	A Nona-nuclear Heterometallic Pd Pt "Donut"-Shaped Cage: Molecular Recognition and Photocatalysis. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 8659-8663	16.4	70
289	Synthesis and Optical Properties of Unsymmetrically Substituted Triarylamine Hexaazatrinaphthalenes. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 2432-2440	3.2	13
288	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> , <b>2017</b> , 65, 3551-3558	5.7	30



287	Control of locomotor stability in stabilizing and destabilizing environments. <i>Gait and Posture</i> , <b>2017</b> , 55, 191-198	2.6	24
286	Raman microscopic imaging of electrospun fibers made from a polycaprolactone and polyethylene oxide blend. <i>Vibrational Spectroscopy</i> , <b>2017</b> , 92, 27-34	2.1	10
285	Flicking the Switch on Donor-Acceptor Interactions in Hexaazatrinaphthalene Dyes: A Spectroscopic and Computational Study. <i>ChemPhotoChem</i> , <b>2017</b> , 1, 432-441	3.3	11
284	Stability-maneuverability trade-offs during lateral steps. <i>Gait and Posture</i> , <b>2017</b> , 52, 171-177	2.6	19
283	Fast Sampling, Analyses and Chemometrics for Plant Breeding: Bitter Acids, Xanthohumol and Terpenes in Lupulin Glands of Hops ( <i>Humulus lupulus</i> ). <i>Phytochemical Analysis</i> , <b>2017</b> , 28, 50-57	3.4	20
282	Light-ageing characteristics of Mfri textiles: Colour, strength and molecular change. <i>Journal of Cultural Heritage</i> , <b>2017</b> , 24, 60-68	2.9	7
281	Alteration of Intraligand Donor-Acceptor Interactions Through Torsional Connectivity in Substituted Re-dppz Complexes. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 12967-12977	5.1	14
280	Synthesis and Light-Harvesting Potential of Cyanovinyl-Substituted Porphyrins and Dyads. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 5750-5762	3.2	3
279	Conformational aspects of dibenzo-tetroxecin: A structural, Raman spectroscopic and computational study. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1145, 321-328	3.4	1
278	Cyclometallated platinum(II) and palladium(II) complexes containing 1,5-diarylbiguanides: synthesis, characterisation and hydrogen bond-directed assembly. <i>CrystEngComm</i> , <b>2017</b> , 19, 7095-7111	3.3	5
277	Flicking the Switch on Donor-Acceptor Interactions in Hexaazatrinaphthalene Dyes: A Spectroscopic and Computational Study. <i>ChemPhotoChem</i> , <b>2017</b> , 1, 426-426	3.3	
276	Probing Pharmaceutical Mixtures during Milling: The Potency of Low-Frequency Raman Spectroscopy in Identifying Disorder. <i>Molecular Pharmaceutics</i> , <b>2017</b> , 14, 4675-4684	5.6	23
275	No single DFT method can predict Raman cross-sections, frequencies and electronic absorption maxima of oligothiophenes. <i>Synthetic Metals</i> , <b>2017</b> , 231, 1-6	3.6	11
274	Raman imaging processed cheese and its components. <i>Journal of Raman Spectroscopy</i> , <b>2017</b> , 48, 374-383	2.3	29
273	Design and engineering of water-soluble light-harvesting protein maquettes. <i>Chemical Science</i> , <b>2017</b> , 8, 316-324	9.4	27
272	Movement augmentation to evaluate human control of locomotor stability. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2017</b> , 2017, 66-69	0.9	12
271	A ferrocene based switchable molecular folding ruler. <i>Chemical Communications</i> , <b>2017</b> , 53, 7628-7631	5.8	20
270	Excited States of Triphenylamine-Substituted 2-Pyridyl-1,2,3-triazole Complexes. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 12238-12253	5.1	22

269	A novel modified terpyridine derivative as a model molecule to study kinetic-based optical spectroscopic ion determination methods. <i>Synthetic Metals</i> , <b>2016</b> , 219, 101-108	3.6	5
268	Body weight support impacts lateral stability during treadmill walking. <i>Journal of Biomechanics</i> , <b>2016</b> , 49, 2662-2668	2.9	20
267	Probing the excited state nature of coordination complexes with blended organic and inorganic chromophores using vibrational spectroscopy. <i>Coordination Chemistry Reviews</i> , <b>2016</b> , 325, 41-58	23.2	21
266	Chemical and mechanical properties of snake fangs. <i>Journal of Raman Spectroscopy</i> , <b>2016</b> , 47, 787-795	2.3	9
265	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> , <b>2016</b> , 408, 761-74	4.4	32
264	Rapid Quantitative Determination of Squalene in Shark Liver Oils by Raman and IR Spectroscopy. <i>Lipids</i> , <b>2016</b> , 51, 139-47	1.6	20
263	Luminescent Cages: Pendant Emissive Units on [Pd2L4](4+) "Click" Cages. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 3440-7	5.1	44
262	Benzo[c][1,2,5]thiadiazole Donor-Acceptor Dyes: A Synthetic, Spectroscopic, and Computational Study. <i>Journal of Physical Chemistry A</i> , <b>2016</b> , 120, 1853-66	2.8	37
261	Palladium(II) and platinum(II) complexes of ((2-pyridyl)pyrazol-1-ylmethyl)benzoic acids: Synthesis, Solid state characterisation and biological cytotoxicity. <i>Inorganica Chimica Acta</i> , <b>2016</b> , 446, 41-53	2.7	8
260	Analytical method development using FTIR-ATR and FT-Raman spectroscopy to assay fructose, sucrose, glucose and dihydroxyacetone, in <i>Leptospermum scoparium</i> nectar. <i>Vibrational Spectroscopy</i> , <b>2016</b> , 84, 38-43	2.1	18
259	Nortriketones: Antimicrobial Trimethylated Acylphloroglucinols from Ma nuka ( <i>Leptospermum scoparium</i> ). <i>Journal of Natural Products</i> , <b>2016</b> , 79, 564-9	4.9	21
258	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> , <b>2016</b> , 50, 317-325	1.3	48
257	Salicylic Acid-Based Organic Dyes Acting as the Photosensitizer for Solar Cells. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2016</b> , 16, 4880-5	1.3	2
256	Enhancement of dye regeneration kinetics in dichromophoric porphyrin-carbazole triphenylamine dyes influenced by more exposed radical cation orbitals. <i>Chemical Science</i> , <b>2016</b> , 7, 3506-3516	9.4	19
255	Physical Stability of Freeze-Dried Isomalt Diastereomer Mixtures. <i>Pharmaceutical Research</i> , <b>2016</b> , 33, 1752-68	4.5	4
254	Long-Lived Charge Transfer Excited States in HBC-Polypyridyl Complex Hybrids. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 4710-9	5.1	14
253	Microscopic and infrared spectroscopic comparison of the underwater adhesives produced by germlings of the brown seaweed species <i>Durvillaea antarctica</i> and <i>Hormosira banksii</i> . <i>Journal of the Royal Society Interface</i> , <b>2016</b> , 13,	4.1	6
252	Effect of Bridge Alteration on Ground- and Excited-State Properties of Ruthenium(II) Complexes with Electron-Donor-Substituted Dipyrido[3,2-a:2',3'-c]phenazine Ligands. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 11170-11184	5.1	30



251	Evolution of Nonmirror Image Fluorescence Spectra in Conjugated Polymers and Oligomers. <i>Journal of Physical Chemistry Letters</i> , <b>2016</b> , 7, 3307-12	6.4	21
250	Tuning the Rainbow: Systematic Modulation of Donor-Acceptor Systems through Donor Substituents and Solvent. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 8446-58	5.1	36
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