

Keith E Gordon

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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	Highly Efficient Porphyrin Sensitizers for Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 11760-11762	3.8	651
375	Efficient light harvesting by using green Zn-porphyrin-sensitized nanocrystalline TiO ₂ films. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 15397-409	3.4	405
374	Using terahertz pulsed spectroscopy to quantify pharmaceutical polymorphism and crystallinity. <i>Journal of Pharmaceutical Sciences</i> , 2005 , 94, 837-46	3.9	266
373	Terahertz pulsed spectroscopy and imaging in the pharmaceutical setting--a review. <i>Journal of Pharmacy and Pharmacology</i> , 2007 , 59, 209-23	4.8	254
372	Coamorphous drug systems: enhanced physical stability and dissolution rate of indomethacin and naproxen. <i>Molecular Pharmaceutics</i> , 2011 , 8, 1919-28	5.6	248
371	Solid form screening--a review. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009 , 71, 23-37	5.7	207
370	Using terahertz pulsed spectroscopy to study crystallinity of pharmaceutical materials. <i>Chemical Physics Letters</i> , 2004 , 390, 20-24	2.5	194
369	Zn-Zn porphyrin dimer-sensitized solar cells: toward 3-D light harvesting. <i>Journal of the American Chemical Society</i> , 2009 , 131, 15621-3	16.4	165
368	Analysis of solid-state transformations of pharmaceutical compounds using vibrational spectroscopy. <i>Journal of Pharmacy and Pharmacology</i> , 2010 , 61, 971-988	4.8	154
367	Raman spectroscopy for quantitative analysis of pharmaceutical solids. <i>Journal of Pharmacy and Pharmacology</i> , 2007 , 59, 179-92	4.8	152
366	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	6.5	147
365	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	5.1	140
364	Synthesis and characterization of a multicomponent rhenium(I) complex for application as an OLED dopant. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 2582-4	16.4	133
363	Analysis of sustained-release tablet film coats using terahertz pulsed imaging. <i>Journal of Controlled Release</i> , 2007 , 119, 253-61	11.7	127
362	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, 2486-98	3.9	115
361	Raman mapping of pharmaceuticals. <i>International Journal of Pharmaceutics</i> , 2011 , 417, 151-62	6.5	111
360	Correlating thermodynamic and kinetic parameters with amorphous stability. <i>European Journal of Pharmaceutical Sciences</i> , 2009 , 37, 492-8	5.1	111

359	Investigation of properties and recrystallisation behaviour of amorphous indomethacin samples prepared by different methods. <i>International Journal of Pharmaceutics</i> , 2011 , 417, 94-100	6.5	108
358	In situ infrared spectroscopic analysis of the adsorption of ruthenium(II) bipyridyl dicarboxylic acid photosensitisers to TiO ₂ in aqueous solutions. <i>Chemical Physics Letters</i> , 1997 , 266, 451-455	2.5	106
357	High Exciton Diffusion Coefficients in Fused Ring Electron Acceptor Films. <i>Journal of the American Chemical Society</i> , 2019 , 141, 6922-6929	16.4	105
356	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	4.6	102
355	Click-to functionalise: synthesis, characterisation and enhancement of the physical properties of a series of exo- and endo-functionalised Pd ₂ L ₄ nanocages. <i>Chemical Science</i> , 2014 , 5, 1833-1843	9.4	101
354	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, 6334-46	5.1	98
353	Screening for differences in the amorphous state of indomethacin using multivariate visualization. <i>European Journal of Pharmaceutical Sciences</i> , 2007 , 30, 113-23	5.1	97
352	Controlled Formation of Heteroleptic [Pd ₂ (La) ₂ (Lb) ₂](4+) Cages. <i>Journal of the American Chemical Society</i> , 2016 , 138, 10578-85	16.4	95
351	Indomethacin: new polymorphs of an old drug. <i>Molecular Pharmaceutics</i> , 2013 , 10, 4472-80	5.6	93
350	Complexes of functionalized dipyrido[3,2-a:2',3'-c]-phenazine: a synthetic, spectroscopic, structural, and density functional theory study. <i>Inorganic Chemistry</i> , 2005 , 44, 3551-60	5.1	92
349	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, 271-80	3.5	89
348	Injection Limitations in a Series of Porphyrin Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 3276-3279	3.8	82
347	Raman spectroscopic quantification of milk powder constituents. <i>Analytica Chimica Acta</i> , 2010 , 673, 26-32	3.6	82
346	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, 18502-12	16.4	81
345	A theoretical and spectroscopic study of co-amorphous naproxen and indomethacin. <i>International Journal of Pharmaceutics</i> , 2013 , 453, 80-7	6.5	79
344	Perspectives in the use of spectroscopy to characterise pharmaceutical solids. <i>International Journal of Pharmaceutics</i> , 2008 , 364, 159-69	6.5	79
343	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, 337-41	5.7	79
342	Dithienothiophene (DTT)-based dyes for dye-sensitized solar cells: synthesis of 2,6-dibromo-DTT. <i>Journal of Organic Chemistry</i> , 2011 , 76, 4088-93	4.2	77

341	Physicochemical Properties and Stability of Two Differently Prepared Amorphous Forms of Simvastatin. <i>Crystal Growth and Design</i> , 2008 , 8, 128-135	3.5	77
340	Understanding the solid-state forms of fenofibrate—a spectroscopic and computational study. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009 , 71, 100-8	5.7	75
339	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	11.7	74
338	Raman imaging of drug delivery systems. <i>Advanced Drug Delivery Reviews</i> , 2015 , 89, 21-41	18.5	73
337	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, 1572-87	5.1	70
336	Recent pharmaceutical applications of Raman and terahertz spectroscopies. <i>Journal of Pharmaceutical Sciences</i> , 2008 , 97, 4598-621	3.9	70
335	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		70
334	A Nona-nuclear Heterometallic Pd Pt "Donut"-Shaped Cage: Molecular Recognition and Photocatalysis. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8659-8663	16.4	70
333	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	23.2	68
332	A spectroscopic and DFT study of thiophene-substituted metalloporphyrins as dye-sensitized solar cell dyes. <i>Physical Chemistry Chemical Physics</i> , 2009 , 11, 5598-607	3.6	67
331	A DFT study of the optical properties of substituted Zn(II)TPP complexes. <i>Computational and Theoretical Chemistry</i> , 2006 , 759, 17-24		67
330	Temperature dependent terahertz pulsed spectroscopy of carbamazepine. <i>Thermochimica Acta</i> , 2005 , 436, 71-77	2.9	67
329	Re-examining the chemical evaluation of diagenesis in human bone apatite. <i>Journal of Archaeological Science</i> , 2011 , 38, 2222-2230	2.9	66
328	Composition of bovine milk fat globules by confocal Raman microscopy. <i>International Dairy Journal</i> , 2011 , 21, 402-412	3.5	64
327	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, 5933-42	2.8	64
326	Chemical and structural characterisation of almond oil bodies and bovine milk fat globules. <i>Food Chemistry</i> , 2012 , 132, 1996-2006	8.5	61
325	Spectroscopic and Density Functional Theory Studies of 1,10-Phenanthroline, Its Radical Anion, and [Cu(Phen)(PPh ₃) ₂] ⁺ . <i>Journal of Physical Chemistry A</i> , 2004 , 108, 2536-2544	2.8	61
324	Rhenium(I) complexes of readily functionalized bidentate pyridyl-1,2,3-triazole "click" ligands: A systematic synthetic, spectroscopic and computational study. <i>Polyhedron</i> , 2013 , 52, 1391-1398	2.7	60

323	A theoretical and spectroscopic study of gamma-crystalline and amorphous indometacin. <i>Journal of Pharmacy and Pharmacology</i> , 2007 , 59, 261-9	4.8	60
322	Quantitative analysis of polymorphic mixtures of carbamazepine by Raman spectroscopy and principal components analysis. <i>Journal of Raman Spectroscopy</i> , 2004 , 35, 347-352	2.3	59
321	fac-Re(CO) ₃ Cl Complexes of [2-(4-R-1H-1,2,3-Triazol-1-yl)methyl]pyridine Inverse Click Ligands: A Systematic Synthetic, Spectroscopic, and Computational Study. <i>Organometallics</i> , 2013 , 32, 788-797	3.8	58
320	Effect of sulfur-based substituents on the electronic properties of Re(I) dppz complexes. <i>Inorganic Chemistry</i> , 2010 , 49, 5180-9	5.1	58
319	Terahertz pulsed imaging as an analytical tool for sustained-release tablet film coating. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009 , 71, 117-23	5.7	56
318	Theoretical and Spectroscopic Study of a Series of Styryl-Substituted Terthiophenes. <i>Journal of Physical Chemistry A</i> , 2003 , 107, 11505-11516	2.8	56
317	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	5.1	56
316	Intraligand charge-transfer excited states in Re(I) complexes with donor-substituted dipyridophenazine ligands. <i>Inorganic Chemistry</i> , 2014 , 53, 1339-54	5.1	55
315	Self-assembled palladium(II) "click" cages: synthesis, structural modification and stability. <i>Dalton Transactions</i> , 2011 , 40, 12117-24	4.3	55
314	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, 4073-83	5.1	55
313	Application of transient infrared spectroscopy to intramolecular energy transfer in [(phen)(CO) ₃ ReI(NC)RuII(CN)(bpy) ₂] ⁺ . <i>Journal of the American Chemical Society</i> , 1993 , 115, 10996-10997 ^{16.4}		55
312	Raman spectroscopy of fossil bioapatite [A proxy for diagenetic alteration of the oxygen isotope composition. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011 , 310, 62-70	2.9	51
311	The influence of various excipients on the conversion kinetics of carbamazepine polymorphs in aqueous suspension. <i>Journal of Pharmacy and Pharmacology</i> , 2007 , 59, 193-201	4.8	51
310	Influence of polymorphic form, morphology, and excipient interactions on the dissolution of carbamazepine compacts. <i>Journal of Pharmaceutical Sciences</i> , 2007 , 96, 584-94	3.9	51
309	Spatial confinement can lead to increased stability of amorphous indomethacin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012 , 81, 418-25	5.7	50
308	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> , 2002 , 105-113		49
307	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, 326-35	5.7	49
306	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	1.3	48

305	Complete family of mono-, bi-, and trinuclear Re(I)(CO) ₃ 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, 6093-106	5.1	47
304	Investigation of the Formation Process of Two Piracetam Cocrystals during Grinding. <i>Pharmaceutics</i> , 2011 , 3, 706-22	6.4	46
303	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, 151-9	6.5	46
302	. <i>The Journal of Physical Chemistry</i> , 1989 , 93, 6814-6817		45
301	Luminescent Cages: Pendant Emissive Units on [Pd ₂ L ₄](4+) "Click" Cages. <i>Inorganic Chemistry</i> , 2016 , 55, 3440-7	5.1	44
300	Red electroluminescence from transparent PVK-dye films based on dipyrido[3,2-a:2',3'-c]phenazine and Re(CO) ₃ Cl-dipyrido[3,2-a:2',3'-c]phenazine dyes. <i>Chemical Physics Letters</i> , 2004 , 383, 292-296	2.5	44
299	Ultrafast dynamics in Cu(I)bisdiimine complexes from resonance Raman intensities. <i>Journal of Raman Spectroscopy</i> , 2008 , 39, 1556-1567	2.3	43
298	A synthetic, structural, spectroscopic and DFT study of Re(I), Cu(I), Ru(II) and Ir(III) complexes containing functionalised dipyrido[3,2-a:2',3'-c]phenazine (dppz). <i>Chemistry - A European Journal</i> , 2008 , 14, 11573-83	4.8	43
297	Quantitative Raman spectroscopy for the analysis of carrot bioactives. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 2701-8	5.7	42
296	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	2.3	42
295	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, 466-74	5.7	42
294	Solid-state transition mechanism in carbamazepine polymorphs by time-resolved terahertz spectroscopy. <i>ChemPhysChem</i> , 2007 , 8, 1924-7	3.2	41
293	Tuning from pi,pi 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, 7696-702	2.8	41
292	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, 663-71	2.2	40
291	fac-Re(CO) ₃ complexes of 2,6-bis(4-substituted-1,2,3-triazol-1-ylmethyl)pyridine "click" ligands: synthesis, characterisation and photophysical properties. <i>Dalton Transactions</i> , 2012 , 41, 14625-32	4.3	40
290	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, 2980-92	5.1	39
289	A Spectroscopic and DFT Study of the Electronic Properties of Carbazole-Based D π A Type Copolymers. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 21255-21266	3.8	39
288	Electronic absorption, resonance Raman and excited-state resonance Raman spectroscopy of rhenium(I) and copper(I) complexes, with substituted dipyrido[3,2-a : 2',3'-c]phenazine ligands, and their electron reduced products. <i>Journal of Raman Spectroscopy</i> , 2000 , 31, 243-253	2.3	39

287	Chemically and electrochemically induced expansion and contraction of a ferrocene rotor. <i>Chemical Communications</i> , 2015 , 51, 8161-4	5.8	38
286	Spectroscopic and computational study of ethynylphenylene substituted zinc and free-base porphyrins. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 1597-605	3.6	38
285	Linker conjugation effects in rhenium(I) bifunctional hole-transport/emitter molecules. <i>Chemistry - A European Journal</i> , 2009 , 15, 3682-90	4.8	38
284	Benzo[c][1,2,5]thiadiazole Donor-Acceptor Dyes: A Synthetic, Spectroscopic, and Computational Study. <i>Journal of Physical Chemistry A</i> , 2016 , 120, 1853-66	2.8	37
283	"Tail" tuning of iron(II) spin crossover temperature by 100 K. <i>Inorganic Chemistry</i> , 2015 , 54, 2902-9	5.1	36
282	Methylated Re(I) tetrazolato complexes: photophysical properties and Light Emitting Devices. <i>Dalton Transactions</i> , 2015 , 44, 8379-93	4.3	36
281	Monitoring the film coating unit operation and predicting drug dissolution using terahertz pulsed imaging. <i>Journal of Pharmaceutical Sciences</i> , 2009 , 98, 4866-76	3.9	36
280	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		36
279	Tuning the Rainbow: Systematic Modulation of Donor-Acceptor Systems through Donor Substituents and Solvent. <i>Inorganic Chemistry</i> , 2016 , 55, 8446-58	5.1	36
278	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	2.1	35
277	Electroluminescence of ruthenium(II)(4,7-diphenyl-1,10-phenanthroline) ₃ from charge trapping by doping in carrier-transporting blend films. <i>Chemical Physics Letters</i> , 2004 , 385, 481-485	2.5	35
276	Testing computational models of hyperpolarizability in a merocyanine dye using spectroscopic and DFT methods. <i>Journal of Physical Chemistry A</i> , 2012 , 116, 5453-63	2.8	34
275	Terahertz pulsed imaging as an advanced characterisation tool for film coatings--a review. <i>International Journal of Pharmaceutics</i> , 2013 , 457, 510-20	6.5	34
274	Quantification of Process Induced Disorder in Milled Samples Using Different Analytical Techniques. <i>Pharmaceutics</i> , 2010 , 2, 30-49	6.4	34
273	Quantification of binary polymorphic mixtures of ranitidine hydrochloride using NIR spectroscopy. <i>Vibrational Spectroscopy</i> , 2006 , 41, 225-231	2.1	34
272	Bis(ferrocenyl)porphyrins. Compounds with strong long-range metal-metal coupling. <i>Chemical Communications</i> , 1999 , 637-638	5.8	34
271	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	5.1	34
270	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> , 2018 , 140, 4534-4542	16.4	33

- 269 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 6.3 33
- 268 Synthesis, characterization, and photophysics of oxadiazole- and diphenylaniline-substituted Re(I) and Cu(I) complexes. *Inorganic Chemistry*, **2013**, 52, 1304-17 5.1 33
- 267 Effect of different preparation methods on the dissolution behaviour of amorphous indomethacin. *European Journal of Pharmaceutics and Biopharmaceutics*, **2012**, 80, 459-64 5.7 33
- 266 A theoretical and spectroscopic study of carbamazepine polymorphs. *Journal of Raman Spectroscopy*, **2004**, 35, 401-408 2.3 33
- 265 Organic light emitting devices based on exciplex interaction from blends of charge transport molecules. *Chemical Physics Letters*, **2003**, 375, 649-654 2.5 33
- 264 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, 761-74 4.4 32
- 263 Excited state vibrational spectroscopy of metal complexes of dipyrido[3,2-a:2',3'-c]phenazine. *Inorganica Chimica Acta*, **2011**, 374, 10-18 2.7 32
- 262 A study of the factors influencing the performance of ternary MEH-PPV:porphyrin:PCBM heterojunction devices: A steric approach to controlling charge recombination. *Solar Energy Materials and Solar Cells*, **2011**, 95, 1767-1774 6.4 32
- 261 Ultrafast Time-Resolved UV-Visible and Infrared Absorption Spectroscopy of Binuclear Rhenium(I) Polypyridyl Complexes in Solution. *Journal of Physical Chemistry A*, **1998**, 102, 1252-1260 2.8 32
- 260 Vibrational spectroscopy as a probe of molecule-based devices. *Chemical Society Reviews*, **2012**, 41, 1929-1946 5.6 31
- 259 Structural changes upon photoexcitation into the metal-to-ligand charge-transfer state of [Cu(pqx)(PPh₃)₂]⁺ probed by resonance Raman spectroscopy and density functional theory. *Journal of Physical Chemistry A*, **2005**, 109, 8826-33 2.8 31
- 258 Vibrational Spectra of Dipyrido[3,2-a:2',3'-c]phenazine and Its Radical Anion Analyzed by Ab Initio Calculations and Deuteration Studies. *Bulletin of the Chemical Society of Japan*, **2002**, 75, 933-942 5.1 31
- 257 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 5.7 30
- 256 A Nona-nuclear Heterometallic Pd₃Pt₆ Donut-Shaped Cage: Molecular Recognition and Photocatalysis. *Angewandte Chemie*, **2018**, 130, 8795-8799 3.6 30
- 255 Application of terahertz pulsed imaging to analyse film coating characteristics of sustained-release coated pellets. *International Journal of Pharmaceutics*, **2013**, 457, 521-6 6.5 30
- 254 Pyridyl Gold(I) Alkynyls: A Synthetic, Structural, Spectroscopic, and Computational Study. *Organometallics*, **2010**, 29, 6186-6195 3.8 30
- 253 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. *Inorganic Chemistry*, **2016**, 55, 11170-11184 5.1 30
- 252 Raman imaging processed cheese and its components. *Journal of Raman Spectroscopy*, **2017**, 48, 374-383 3.3 29

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250	Structural changes upon reduction of dipyrido[2,3-a:3',2'-c]phenazine probed by vibrational spectroscopy, ab initio calculations, and deuteration studies. <i>Inorganic Chemistry</i> , 2004 , 43, 2876-87	5.1	29
249	Investigating dissolution performance critical areas on coated tablets: a case study using terahertz pulsed imaging. <i>Journal of Pharmaceutical Sciences</i> , 2010 , 99, 392-402	3.9	28
248	Structure, spectroscopic and electrochemical properties of novel binuclear ruthenium(II) copper(I) complexes with polypyridyl bridging ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999 , 2669-2673		28
247	Scanning Tunneling and Atomic Force Microscopy Evidence for Covalent and Noncovalent Interactions between Aryl Films and Highly Ordered Pyrolytic Graphite. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 5820-5826	3.8	27
246	Design and engineering of water-soluble light-harvesting protein maquettes. <i>Chemical Science</i> , 2017 , 8, 316-324	9.4	27
245	Investigating the relationship between drug distribution in solid lipid matrices and dissolution behaviour using Raman spectroscopy and mapping. <i>Journal of Pharmaceutical Sciences</i> , 2010 , 99, 1464-73	3.9	27
244	Synthesis, Characterization, Structure, Electrochemistry, and Spectroscopy of Porphyrins That Have a Conjugated Connection to Donor/Acceptor Groups. <i>Inorganic Chemistry</i> , 1997 , 36, 6270-6278	5.1	27
243	Re(I) complexes of substituted dppz: a computational and spectroscopic study. <i>Inorganic Chemistry</i> , 2014 , 53, 3126-40	5.1	26
242	Indanedione-Substituted Poly(terthiophene)s: Processable Conducting Polymers with Intramolecular Charge Transfer Interactions. <i>Macromolecules</i> , 2010 , 43, 3817-3827	5.5	26
241	Spectroelectrochemical studies of some ruthenium(II) complexes with polypyridyl bridging ligands. <i>Inorganica Chimica Acta</i> , 1997 , 260, 199-205	2.7	26
240	Electronic structure and near-IR transitions of Fc2R and Fc4R dyads. <i>Polyhedron</i> , 2007 , 26, 448-455	2.7	26
239	Enhanced performance of dye-sensitized solar cells using carbazole-substituted di-chromophoric porphyrin dyes. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 16963-16977	13	25
238	Toward an iron(II) spin-crossover grafted phosphazene polymer. <i>Inorganic Chemistry</i> , 2012 , 51, 8307-16	5.1	25
237	The effect of reduction on rhenium(I) complexes with binaphthyridine and biquinoline ligands: a spectroscopic and computational study. <i>Journal of Physical Chemistry A</i> , 2005 , 109, 3745-53	2.8	25
236	Time-resolved resonance Raman spectroscopy and solution kinetics of photogenerated transients in the metal-carbene complex (OC)5W:C(OMe)Ph. <i>Journal of the American Chemical Society</i> , 1988 , 110, 3107-3112	16.4	25
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