

Joanna S Stevens

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

3,576
citations

516681

16
h-index

580810

25
g-index

26
all docs

26
docs citations

26
times ranked

4534
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Colorful 4,4-Bipyridineâ€“Squaric Acid Multicomponent Complexes with Varying Degrees of Proton Transfer: Exploring the Nature of New Form IV in the Salt Co-Crystal Continuum. <i>Crystal Growth and Design</i> , 2022, 22, 779-787. | 3.0 | 1 |
| 2 | Aromatic Interactions in the Cambridge Structural Database: Comparison of Interaction Geometries and Investigation of Molecular Descriptors as an Indicator of Strong Interactions. <i>Crystal Growth and Design</i> , 2022, 22, 788-802. | 3.0 | 2 |
| 3 | Fast energy minimization of the CCDC drug-subset structures by molecule-in-cluster computations allows independent structure validation and model completion. <i>CrystEngComm</i> , 2020, 22, 7420-7431. | 2.6 | 5 |
| 4 | Mercury 4.0: from visualization to analysis, design and prediction. <i>Journal of Applied Crystallography</i> , 2020, 53, 226-235. | 4.5 | 2,598 |
| 5 | Core level spectroscopies locate hydrogen in the proton transfer pathway â€“ identifying quasi-symmetrical hydrogen bonds in the solid state. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 4916-4923. | 2.8 | 25 |
| 6 | Salts, Cocrystals, and Ionic Cocrystals of a â€“Simpleâ€“Tautomeric Compound. <i>Crystal Growth and Design</i> , 2018, 18, 6973-6983. | 3.0 | 32 |
| 7 | Gel phase nano formulation: The effect of triglycerides. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 516, 85-93. | 4.7 | 2 |
| 8 | Frontispiece: In Situ Solidâ€“State Reactions Monitored by Xâ€“ray Absorption Spectroscopy: Temperatureâ€“Induced Proton Transfer Leads to Chemical Shifts. <i>Chemistry - A European Journal</i> , 2016, 22, . | 3.3 | 0 |
| 9 | In Situ Solidâ€“State Reactions Monitored by Xâ€“ray Absorption Spectroscopy: Temperatureâ€“Induced Proton Transfer Leads to Chemical Shifts. <i>Chemistry - A European Journal</i> , 2016, 22, 15600-15604. | 3.3 | 4 |
| 10 | Chemical Speciation and Bond Lengths of Organic Solutes by Coreâ€“Level Spectroscopy: pH and Solvent Influence on <i>p</i> -Aminobenzoic Acid. <i>Chemistry - A European Journal</i> , 2015, 21, 7256-7263. | 3.3 | 15 |
| 11 | NEXAFS Sensitivity to Bond Lengths in Complex Molecular Materials: A Study of Crystalline Saccharides. <i>Journal of Physical Chemistry B</i> , 2015, 119, 14373-14381. | 2.6 | 24 |
| 12 | Proton Transfer, Hydrogen Bonding, and Disorder: Nitrogen Near-Edge X-ray Absorption Fine Structure and X-ray Photoelectron Spectroscopy of Bipyridineâ€“Acid Salts and Co-crystals. <i>Crystal Growth and Design</i> , 2015, 15, 1776-1783. | 3.0 | 55 |
| 13 | Intermolecular bonding of hemin in solution and in solid state probed by N K-edge X-ray spectroscopies. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 29000-29006. | 2.8 | 9 |
| 14 | Incisive Probing of Intermolecular Interactions in Molecular Crystals: Core Level Spectroscopy Combined with Density Functional Theory. <i>Journal of Physical Chemistry B</i> , 2014, 118, 12121-12129. | 2.6 | 28 |
| 15 | Conservation of artists' acrylic emulsion paints: XPS, NEXAFS and ATRâ€“FTIR studies of wet cleaning methods. <i>Surface and Interface Analysis</i> , 2014, 46, 776-780. | 1.8 | 14 |
| 16 | Proton transfer and hydrogen bonding in the organic solid state: a combined XRD/XPS/ssNMR study of 17 organic acidâ€“base complexes. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 1150-1160. | 2.8 | 153 |
| 17 | Immobilisation of cellâ€“binding peptides on polyâ€“caprolactone (PCL) films: A comparative XPS study of two chemical surface functionalisation methods. <i>Surface and Interface Analysis</i> , 2014, 46, 673-678. | 1.8 | 17 |
| 18 | Immobilization of cellâ€“binding peptides on polyâ€“caprolactone film surface to biomimic the peripheral nervous system. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 491-501. | 4.0 | 27 |

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|----|--|------|-----------|
| 19 | Quantitative analysis of complex amino acids and RGD peptides by X-ray photoelectron spectroscopy (XPS). <i>Surface and Interface Analysis</i> , 2013, 45, 1238-1246. | 1.8 | 208 |
| 20 | Detection of Free Base Surface Enrichment of a Pharmaceutical Salt by X-ray Photoelectron Spectroscopy (XPS). <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 942-948. | 3.3 | 13 |
| 21 | Crystallography Aided by Atomic Core-Level Binding Energies: Proton Transfer versus Hydrogen Bonding in Organic Crystal Structures. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9916-9918. | 13.8 | 38 |
| 22 | Salt or Co-Crystal? Determination of Protonation State by X-Ray Photoelectron Spectroscopy (XPS). <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 4453-4457. | 3.3 | 68 |
| 23 | Characterization of Proton Transfer in Co-Crystals by X-ray Photoelectron Spectroscopy (XPS). <i>Crystal Growth and Design</i> , 2010, 10, 1435-1442. | 3.0 | 66 |
| 24 | Identification of Protonation State by XPS, Solid-State NMR, and DFT: Characterization of the Nature of a New Theophylline Complex by Experimental and Computational Methods. <i>Journal of Physical Chemistry B</i> , 2010, 114, 13961-13969. | 2.6 | 72 |
| 25 | Quantitative analysis of saccharides by X-ray photoelectron spectroscopy. <i>Surface and Interface Analysis</i> , 2009, 41, 453-462. | 1.8 | 69 |