

# Arnaud Dessombz

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

801  
citations

567281

15  
h-index

610901

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

897  
citing authors

#	ARTICLE	IF	CITATIONS
1	Physicochemical analysis of human pulpal mineralization secondary to FAM20A mutations. <i>Connective Tissue Research</i> , 2018, 59, 46-51.	2.3	12
2	FAM20A Gene Mutation: Amelogenesis or Ectopic Mineralization?. <i>Frontiers in Physiology</i> , 2017, 8, 267.	2.8	13
3	Structural elucidation of silica present in kidney stones coming from Burkina Faso. <i>Comptes Rendus Chimie</i> , 2016, 19, 1573-1579.	0.5	12
4	Comprehensive morpho-constitutional analysis of urinary stones improves etiological diagnosis and therapeutic strategy of nephrolithiasis. <i>Comptes Rendus Chimie</i> , 2016, 19, 1470-1491.	0.5	89
5	Duration of JJ stent in situ is critical: An ultrastructural and mechanical investigation. <i>Comptes Rendus Chimie</i> , 2016, 19, 1597-1604.	0.5	8
6	Chemical diversity of calcifications in thyroid and hypothetical link to disease. <i>Comptes Rendus Chimie</i> , 2016, 19, 1672-1678.	0.5	22
7	Comparative Physicochemical Analysis of Pulp Stone and Dentin. <i>Journal of Endodontics</i> , 2016, 42, 432-438.	3.1	39
8	Mineral studies in enamel, an exemplary model system at the interface between physics, chemistry and medical sciences. <i>Comptes Rendus Chimie</i> , 2016, 19, 1656-1664.	0.5	6
9	Combining field effect scanning electron microscopy, deep UV fluorescence, Raman, classical and synchrotron radiation Fourier transform Infra-Red Spectroscopy in the study of crystal-containing kidney biopsies. <i>Comptes Rendus Chimie</i> , 2016, 19, 1439-1450.	0.5	23
10	Reply. <i>Urology</i> , 2015, 86, 1096.	1.0	0
11	Calcium Phosphate Stone Morphology Can Reliably Predict Distal Renal Tubular Acidosis. <i>Journal of Urology</i> , 2015, 193, 1564-1569.	0.4	52
12	High Prevalence of Opaline Silica in Urinary Stones From Burkina Faso. <i>Urology</i> , 2015, 86, 1090-1096.	1.0	12
13	Asporin and the Mineralization Process in Fluoride-Treated Rats. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 1446-1455.	2.8	20
14	The status of strontium in biological apatites: an XANES/EXAFS investigation. <i>Journal of Synchrotron Radiation</i> , 2014, 21, 136-142.	2.4	43
15	Combining $\text{Zn}^{2+}$ X-ray fluorescence, XANES and XRD to shed light on $\text{Zn}^{2+}$ cations in cartilage and meniscus calcifications. <i>Journal of Trace Elements in Medicine and Biology</i> , 2013, 27, 326-333.	3.0	34
16	Urate-induced acute renal failure and chronic inflammation in liver-specific Glut9 knockout mice. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, F786-F795.	2.7	34
17	Pathogenic Role of Basic Calcium Phosphate Crystals in Destructive Arthropathies. <i>PLoS ONE</i> , 2013, 8, e57352.	2.5	92
18	Prostatic Stones: Evidence of a Specific Chemistry Related to Infection and Presence of Bacterial Imprints. <i>PLoS ONE</i> , 2012, 7, e51691.	2.5	60

#	ARTICLE	IF	CITATIONS
19	Shedding Light on the Chemical Diversity of Ectopic Calcifications in Kidney Tissues: Diagnostic and Research Aspects. PLoS ONE, 2011, 6, e28007.	2.5	53
20	Aqueous Co-precipitated Ti <sub>0.5</sub> Sn <sub>0.5</sub> O <sub>2</sub> Nanopowders as Precursors for Dense Spinodally Decomposed Ceramics. Journal of the American Ceramic Society, 2011, 94, 4226-4230.	3.8	6
21	Evidence for Photoconductivity Anisotropy in Aligned TiO <sub>2</sub> Nanorod Films. Journal of Physical Chemistry C, 2010, 114, 19799-19802.	3.1	11
22	Magnetic Nanorods Confined in a Lamellar Lyotropic Phase. Langmuir, 2008, 24, 8205-8209.	3.5	34
23	Design of Liquid-Crystalline Aqueous Suspensions of Rutile Nanorods: Evidence of Anisotropic Photocatalytic Properties. Journal of the American Chemical Society, 2007, 129, 5904-5909.	13.7	83