Year	Recipients	Paper Title
2026	Zhanzhao Li Te Pei Weichao Ying Wil V. Srubar III Rui Zhang Jinyoung Yoon Hailong Ye Ismaila Dabo Aleksandra Radlińska	Can domain knowledge benefit machine learning for concrete property prediction?”
2025	Alexis Mériot Marie-Noëlle de Noirfontaine Mireille Courtial Laurent Izoret Sandrine Tusseau-Nenez Mélanie Labourel Sandrine Gauffinet Frédéric Dunstetter	From selective dissolution to crystal chemistry of brownmillerite in sulfate resisting cement
2024	Luz S. Gomez-Villalba and Aranzazu Sierra-Fernandez and M. del Mar Barbero Barrera and Duygu Ergenç and Rafael Fort	Evolution of C–S–H in lime mortars with nanoparticles: Nanostructural analysis of afwillite growth mechanisms by HRTEM
2023		
2022	Felipe Basquiroto de Souza and Wenhui Duan and Kwesi Sagoe-Crentsil	"Determining the disordered nanostructure of calcium silicate hydrate (C-S-H) from broad X-ray diffractograms"
2021	Sara Mantellato and Robert J. Flatt	“Shifting factor—A new paradigm for studying the rheology of cementitious suspensions” published in the Journal of the American Ceramic Society, 2020, 103(6), pp. 3562-3574
2020	Nishant Garg and Jorgen Skibsted	"Dissolution kinetics of calcined kaolinite and montmorillonite in alkaline
2019	Jeffrey Bullard, John Hagedorn, Tyler Ley, Qinang Hu, Wesley Griffin, & Judith Terrill	"A critical comparison of 3D experiments and simulations of tricalcium silicate hydration," *Journal of the American Ceramic Society* , 101(4), 1453-1470 (2018)

2018	Delphine Marchon, Patrick Juilland, Emmanuel Gallucci, Lukas Frunz, & Robert J. Flatt	"Molecular and submolecular scale effects of comb copolymers on tri calcium silicate reactivity: Toward molecular design" *Journal of the American Ceramic Society* , 100(3), 817-841. (2017)
2017	Jeffrey W. Bullard and George W. Scherer	"An Ideal Solid Solution Model for C–S–H", *Journal of the American Ceramic Society* , 99 [12] 4137–4145 (2016)
2016	Sungchul Bae; Rae Taylor; David Shapiro; Peter Denes; John Joseph; Rich Celestre; Stefano Marchesini; Howard Padmore; Tolek Tyliszczak; Tony Warwick; David Kilcoyne; Pierre Levitz; Paulo J. M Monteiro	"Soft X-ray Ptychographic Imaging and Morphological Quantification of Calcium Silicate Hydrates (C–S–H)", *Journal of the American Ceramic Society,* Vol 98, Issue 12, Dec 2015, pages 4090-4095
2015		"An Application of Computer-Aided Molecular Design (CAMD) Using the Signature Molecular Descriptor"
	Hamed M. Kayello; Naresh K. R. Tadisina; Natalia Shlonimskaya; Joseph J. Biernacki; Donald P. Visco Jr.	Part 1. "Identification of Surface Tension Reducing Agents and the Search for Shrinkage Reducing Admixtures", Journal of the American Ceramic Society , 97
	Natalia Shlonimskaya; Joseph J. Biernacki; Hamed M. Kayello; Donald P. Visco Jr.	Part 2. "Evaluating Newly Identified Suface Tension-Reducing Substances for Potential Use as Shrinkage-Reducing Admixtures", *Journal of the American Ceramic Society* , 97 (2) 378-385 (2014)
2014	No Award Given	
2013	Jeffrey J. Thomas	"The Instantaneous Apparent Activation Energy of Cement Hydration Measured Using a Novel Calorimetry-Based Method"

Year	Recipients	Paper Title
2012	Alan J. Benesi Hayden Black Michael W. Grutzeck Pearl Kaplan Bernie O'Hare Rachel A. Steinle	"Evidence of Solid Water Bridges Found in Hydrating Tricalcium Silicate
2011	Jeffrey W. Bullard Robert J. Flatt	"New Insights Into the Effect of Calcium Hydroxide Precipitation on the Kinetics of Tricalcium Silicate Hydration"
2010	Rouzbeh Shahsavari Markus Buehler Roland Pellenq Franz-Josef Ulm	"First Principles Study of Elastic Constants and Interlayer Interactions of Complex Hydrated Oxides: Case Study of Tobermorite and Jennite"
2009	Krassimir Garbev Günter Beuchle Peter Stemmermann Leon Black Marc Bornefeld	"Cell Dimensions and Composition of Nanocrystalline Calcium Silicate Hydrate Solid Solutions. Part 2: X-Ray and Thermogravimetry Study"
2008	Jeffrey J. Thomas	"A New Approach to Modeling the Nucleation and Growth Kinetics of Tricalcium
2007	John J. Valenza II George W. Scherer	"Mechanism for Salt Scaling"
2006	Elena Bonaccorsi Stefano Merlino Anthony Kampf	"The Crystal Structure of Tobermeorite 14A (Plombierite), a C-S-H Phase"
2005	Vanessa K. Peterson Brett A. Hunter	"Tricalcium Silicate T1 and T2 Polymorphic Investigations: Rietveld Refinement at Various Temperatures Using Synchrotron Powder

	Abhi Ray	Diffraction"
2004	Valeri S. Harutyunyan Eduward S. Abovyan Paulo J. M. Monteiro Vahram P. Mkrtchyan Minas K. Balyan Ashoi P. Aivazyan	"Xray Diffraction Investigations of Microstructure of Calcium Hydroxide Crystallites in the Interfacial Transition Zone of Concrete"
2003	Hua Ai J. Francis Young George Scherer	"Thermal Expansion Kinetics: Methods to Measure Permeability of Cementitiuos Materials: II, Application to Hardened Cement Pastes"
2002	Glen H. Kirby Jennifer A. Lewis	"Rheological Property Evolution in Concentrated Cement - Polyelectrolyte Suspensions"
2001	George W. Scherer	"Measuring Permeability of Rigid Materials by a Beam-Bending Method: I, Theory"
2000	Ping Yu R. James Kirkpatrick Brent Poe Paul McMillan Xiandong Cong	"Structure of Calcium Silicate Hydrate (C-S-H): Near-, Mid-, and Far-Infrared Spectroscopy"
1999	Nobuhiro Miura Naoki Shinyashiki Shin Yagihara	"Microwave Dielectric Study of Water Structure in the Hydration Process of Cement Paste" (1998)
Year	**Recipients**	**Paper Title**
	Masami Shiotsubo	

1998	D.P. Bentz	"Three-Dimensional Computer Simulation of Portland Cement Hydration and
1997	D. Viehland J.-F. Li I.-J. Yuan Z. Xu	"Mesostructure of Calcium Silicate Hydrate Gels in Portland Cement Paste:
1996	Stephen Kwan Judith LaRosa Michael W. Grutzeck	"29 Si and 27 Al MASNMR Study of Stralingite"
1995	Norifumi Isu Satoshi Teramura Hideki Ishida Takeshi Mitsuda	"Mechanical Property Evaluation during Autoclaving Process of Aerated Concrete Using Slag:II, Fracure Toughness & Microstructure"
1994	Ian G. Richardson A.R. Brough R. Brydson G. Groves C. Dobson	"Location of Aluminum in Substituted Calcium Silicate Hydrate (C-S-H) Gels as Determined by 29 Si and 27 Al NMR and EELS"
1993	Hideki Ishida Katsumi Mabushi Kaori Sasaki Takeshi Mitsuda	"Low Temperature Synthesis of β-Ca2 SiO4 from Hillebrandite"
1992	Ellis Gartner David F. Myers	"Influence of the Ferrite Phase on Cement Strength Development"

Year	Recipients	Paper Title
1991	Oludele O. Popoola Waltraud M. Kriven J. Francis Young	"Microstructural and Microchemical Characterization of a Calcium Aluminate - Polymer Composite (MDF Cement)
1990	A. Zurg I. Odler F. Phiemann K. Berghofer	"Autoclave Free Formation of a Hemihydrate Gypsum"
1989	No Award	
1988	Waltraud M. Kriven Chin-Jong Chan J. Francis Young	"Analytical Electron Microscopic Studies of Doped Dicalcium Silicates"
1987	P. Brown	"The Effect of Particle Size Distribution on the Kinetics of C_3S Hydration"
1986	Hamlin M. Jennings Steven K. Johnson	"Simulation of Microstructure Development During the Hydration of a Cement