



Shortcut to the carbon-efficient microbial production of chemical building blocks from lignocellulose-derived D-xylose

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Schlüsseltechnologien / Key Technologies
Band / Volume 198
ISBN 978-3-95806-409-6

Forschungszentrum Jülich GmbH
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Biotechnologie (IBG-1)

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Schriften des Forschungszentrums Jülich
Reihe Schlüsseltechnologien / Key Technologies

Band / Volume 198

ISSN 1866-1807

ISBN 978-3-95806-409-6

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